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Material Process in Electrical Products Catalogues: A Systemic Functional Analysis

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ABSTRAK

Penelitian ini bertujuan untuk menganalisis jenis proses material, dengan fokus pada bidang kelistrikan, khususnya menggunakan katalog produk kelistrikan. Oleh karena itu, penelitian ini menggunakan kerangka kerja Systemic Functional Linguistic (SFL) untuk menganalisis data kualitatif deskriptif yang diperoleh, sebanyak 50 data klausa dikumpulkan dari dua katalog produk listrik. Data tersebut dikategorikan dan dianalisis dalam sebuah tabel. Hasil dari penelitian ini menunjukkan bahwa terdapat 42% klausa Transitif Kreatif, 36% klausa Intransitif Kreatif, 20% klausa Transitif Transformatif, dan 2% klausa Intransitif Transformatif.

ABSTRACT

This study aims to analyze the type of material process, focusing on the Electrical field, specifically using electrical product catalogue. Therefore, this study employed the Systemic Functional Linguistic (SFL) framework to analyze the descriptive qualitative data obtained, a total of 50 data of clauses were collected from two electrical products catalogues. The data were categorized and analyzed in a table. The result of this research showed that there are 42% of Creative Transitive clause, 36% of Creative Intransitive clause, 20% of Transformative Transitive clause, and 2% of Transformative Intransitive clause.

1. INTRODUCTION

Language can be defined as a tool of communication with each human living. Both animals and humans can communicate. Expression and content are like the two sides of a coin, and language is tended similar to that. A language is an organized set of grammar that speakers intentionally use purposefully. Language is not just for talking or reporting things; it is also utilized for doing things (Apriyanto, 2020).

The English language plays a big role in nowadays. No matter where we are, English is a universal language that enables us to communicate with one and another (Aziza, 2020). English is widely used and spoken by billions of people in more than 49 nations (Mappiasse & Bin Sihes, 2014). Some people could become bored when we explain the value of English because it is a long-standing subject that we bring up frequently. We communicate with people from different nations and inside our own country in English to share our views and thoughts. Other than our home tongue, English has become a very popular language that affects our daily lives.

Considering that among native speakers, English is the third most often spoken language. That is roughly around 330 million individuals (Aziza, 2020). But not everyone speaks English. Furthermore, just because someone can communicate in English does not necessarily mean they can do it in a way that will help them in every situation. There is much more than just exchanging words. It is a way to express one's culture, society, and beliefs. If someone does not speak English completely and fluently, there may be misinterpretation when it comes to having a proper conversation.

Traditionally, transitivity refers to a verb that takes a direct object, whereas intransitive verbs do not take direct objects (Suryatini K. L, 2014). Even so, Halliday argues in an Introduction to Functional Grammar that transitivity doesn't prioritize direct object-taking. According to (Halliday, 1994), transitivity is composed of three elements. They are the procedure itself, the people involved in the procedure, and the circumstances surrounding the procedure. The transitivity system is made up of several kinds of processes and the structures that carry them out. The six types of processes are: Material Process, Mental Process, Relational Process, Behavioral Process, Verbal Process, and Existential Process. In Halliday's view, the grammatical system's concept of transitivity is a useful tool for interpreting the meanings within clauses.

Every sentence he used for his investigation was taken directly from The Witch of Portobello. This text, like other literary works, leaves its readers (Suryatini K. L, 2014).

In the Systemic Functional Linguistics Study, the material process is a part of transitivity. The discussion using Systemic Functional Linguistic might appear in different discussions and research to explain processes in clauses or texts (Wachyudi K & Miftakh F, 2018). In line with the discussion in this research, discussed the use of systemic Functional Linguistic in the dominance of material processes in texts. Discourse analysis has been largely done based on transitivity theory since it provides a quantitative and objective analysis of discourse. Data selected for these studies have been deeply interpreted by these researchers (Zhang, 2017).

In this case, the researcher discovers several previous studies related to the research conducted by the researcher. The first study for this research is from (Zhang, 2017) article "Transitivity Analysis of Hillary Clinton's and Donald Trump's First Television Debate". This research analyzes the first television debate between Donald Trump and Hillary Clinton using the transitivity hypothesis found in Halliday's Systemic Functional Linguistics. In particular, utilizing a quantitative analysis, this research aims to find out why are the distributions made, and how the distributions of the various processes and key players aid the speakers in communicating their intentions. The conclusions indicate that existential processes are more frequently used by Trump in his talks than by Hillary, and both candidates' speeches are characterized by a prevailing presence of material processes, relational processes, and mental processes.

The second study is from (Maulia Indrayani & Soeria Seomantri, 2014) article "Transitivity Analysis on Shakespeare's Sonnets", this study applies transitivity to the sonnet; in contrast to other earlier studies that applied transitivity to other types of texts. To process the sonnet and determine the progression in transitivity, this research employs the descriptive analysis approach. This research is eventually able to propose that there are four process types out of six types appearing; these are the material process, mental process, relational process, and existential process. For this study, an analysis was conducted on the data extracted from three of Shakespeare's sonnets. The researcher performs calculations and creates the table in order to determine which kind of process occurs most frequently in these three sonnets. According to this research, material processes first emerged, followed by mental, relational, and existential processes.

The third study is (Khorina, 2020) article "Material Process in Mechanical Engineering Texts: Systemic Functional Linguistics Perspectives", the purpose of this study is to examine the verb realizations in each material process in creative clauses found in texts about mechanical engineering, as well as the verb realizations that may occur in both material process types. The result of the analysis is there are some verbs tend to realize the material process of doing such as create, form, make, and produce, and the goals are realized by nominal groups.

And a similar research on processes in material process was done by (Dewi & Mahdi, 2020) under the title of 'Material Processes in the Singaporean Online News on Forest Fires Issue', this research which finally resulted in material process as the focus of the research. They emerged in the internet news to demonstrate their transitivity as a component of Systemic Functional Linguistics through the contexts and were analyzed using a descriptive qualitative approach to explain the processes. The analysis revealed that the text contained fifty-one material processes, comprising thirty-seven processes of doing while the happening process is fourteen processes.

From several previous studies above, the researcher concluded that many studies on mood system analysis have been explored, yet none has ever analyzed the mood system in the tourism field. Because of this, the writer raised this topic for analysis. Some articles have examined several sorts of processes, including the verbal process in academic writing, possessive relational process clauses in scientific texts such as a textbook of Electrical Technology, and EFL graduates' citations with process verbs. An analysis of the relational attributive processes in accounting textbook (Khorina, 2020). It is difficult to locate an analysis that concentrates on the material process, particularly in electrical catalogue areas.

2. METHODS

This research was conducted as a descriptive study to find out the material process (types of material process) in the electrical products catalogue. To obtain the data, the study used a qualitative descriptive method. According to (Lambert & Lambert, 2012), the goal of qualitative descriptive studies is a thorough and accessible summary of particular experiences that individuals or groups of individuals have experienced.

The source of this research is data taken from PT. Golden Batam Raya. The researcher uses Electrical products catalogues. Entitled MH Protection Relays: A Protection Class of Its Own and Victron Energy: Blue Energy. The data taken is 50 clauses, which 21 clauses are from 'MH Protection Relays: A Protection Class of Its Own' catalogue and 29 clauses are from 'Victron Energy: Blue Energy' catalogue.

The research design that researcher conducted is descriptive study, and the most important component for finishing the investigation is the data. The documentation method is used by the author in this investigation. Documents include written materials and other records from clinical, organizational, or program records; memoranda and compliance; official publications and reports; personal journals, letters, artwork, photos, and memorabilia; and written answers to open-ended surveys, according to (Patton, 2002). This study aims to analyze the material processes realized in the Electrical products catalogue. The researcher prepared and design the instrument with selected catalogues and classified it in the form of a table.

The data collection was analyzed by a researcher with analyzed the material process in each clause. By putting the data into categories based on the types of the material process of each clause, Calculating the data in order to determine the dominant material process type, and summarizing the finding of the result and drawing the conclusion.

3. RESULT AND DISCUSSION

Results

In this section, the writer elaborated material process realized in Electrical products catalogues, the data obtained amounted to 50 data from two catalogues entitled MH Protection Relays: A Protection Class of Its Own and Victron Energy: Blue Energy.

Table 2: Data Analysis

1	Actor	Process	Recipient	Goal	
	The MTB	doesn't require	auxiliary supply	to provide	a fault indication
	Type: Transformative Transitive				
2	Actor	Process	Goal		
	The MTB	Is designed	to prevent power circuits	from re-energising before a fault is completely rectified	
	Type: Creative Intransitive				
3	Actor	Process	Goal		
	The MH REA200	Is designed	as a universal, digital microprocessor-based protective relay, integrating both the overcurrent and earth fault protection schemes for definite and inverse time characteristics within one compact unit		
	Type: Creative Intransitive				
4	Circumstance	Actor	Process	Recepient	Goal
	Featuring a first-of-its kind	OLED Display (Organic Light Emitting Diode), the REA200	provides	unparalleled clarity and crisp sharpness,	alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real
	Type: Transformative Transitive				
5	Circumstance	Actor	Process	Goal	
	Based on digital microprocessor technology	the MH ROA207	is designed	as a universal overcurrent protective relay, integrating selectable time overcurrent characteristic curves	
	Type: Creative Intransitive				
6	Circumstance	Actor	Process	Goal	
	With digital processing of input values	The ROA207	offers	high measuring accuracy and a wide setting range in fine resolution	
	Type: Creative Transitive				
7	Circumstance	Actor	Process	Goal	

	Featuring a first-of-its kind, OLED Display (Organic Light Emitting Diode)	The ROA207	provides	unparalleled clarity and crisp sharpness, alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real time/date stamp
	Type: Creative Transitive			
8	Circumstance	Actor	Process	Circumstance
	Based on digital microprocessor technology	the MH REF052	is designed	as a universal earth fault protective relay, integrating selectable time earth fault characteristic curves
	Type: Creative Intransitive			
9	Circumstance	Actor	Process	Goal
	With digital processing of input values	the REF052	offers	high measuring accuracy and a wide setting range in fine resolution
	Type: Creative Transitive			
10	Circumstance	Actor	Process	Goal
	Featuring a first-of-its-kind, OLED Display (Organic Light Emitting Diode)	the REF052	provides	unparalleled clarity and crisp sharpness, alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real time/date stamp
	Type: Creative Transitive			
11	Actor	Process	Goal	
	The Earth Fault Relay EF18	is designed	to monitor power system and provides a relay operation in event of an earth fault situation	
	Type: Creative Intransitive			
12	Actor	Process	Recipient	Goal
	The EF18	incorporates	the MTB fault indication system	in advanced protection relaying for system abnormalities
	Type: Transformative Transitive			
13	Actor	Process	Goal	
	This	eliminates	the need of an auxiliary supply to provide a fault indication, ensuing enhanced safety	
	Type: Creative Transitive			
14	Actor	Process	Circumstance	Goal
	The MH earth leakage relay series	are combined	with a wide range of zero phase current transformers with diameter from 35mm to 140mm	providing the maximum application flexibility for an effective protection in every point of the system
	Type: Transformative Intransitive			
15	Actor	Process	Goal	
	The Overcurrent Relay OA703	is designed	to monitor the respective phase currents of the power system and provides a relay operation in event of an overcurrent situation	
	Type: Creative Intransitive			
16	Actor	Process	Recipient	Goal
	The ROA207 relay	incorporates	the MTB fault indication system	in advanced protection relaying for system abnormalities.
	Type: Transformative Transitive			
17	Actor	Process	Goal	

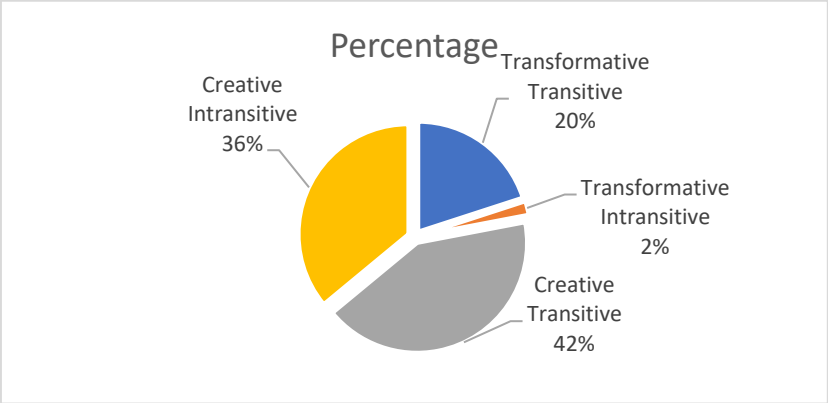
	This	eliminates	the need of an auxiliary supply to provide a fault indication, ensuing enhanced safety	
	Type: Creative Transitive			
18	Actor	Process	Goal	
	The Over & Undervoltage relay OUV	is designed	to monitor the voltage levels of the power system and provides a relay operation in event of an over or undervoltage situation	
	Type: Creative Intransitive			
19	Circumstance	Actor	Process	Goal
	Incorporating microproccesor-based technology	The OUV400	offers	High measuring accuracy and a wide adjustment options
	Type: Creative Transitive			
20	Circumstance	Actor	Process	Goal
	A similar, but simplifed version of MH DTL earth fault relay EF18	The EF18e	Provides	Elementary protection functions excluding the MTB fault indication system
	Type: Creative Transitive			
21	Circumstance	Actor	Process	Goal
	A similar, but simplifed version of MH Combined IDMTL overcurrent relay REA200	the REA200e	provides	elementary protection functions excluding the MTB fault indication system
	Type: Creative Transitive			
22	Actor	Process	goal	
	The battery charger	charges	the battery and functions as a power supply for the consumers	
	Type: Creative Transitive			
23	Actor	Process	Goal	
	This system	contains	an inverter to ensure a supply of 230VAC at all times. Many charger models have three outputs which allow for several battery groups to be charged separately	
	Type: Transformative Transitive			
24	Actor	Process	recipient	Goal
	This unique victron feature	allows	the MultiPlus	to supplement the capacity of the shore or generator power
	Type: Transformative Transitive			
25	Actor	Process	Goal	
	Where peak power	is so often required	only for a limited period, the MultiPlus will make sure that insufficient shore or generator power is immediately compensated with power from the battery	
	Type: Creative Intransitive			
26	Circumstance	Actor	Process	goal
	When the load reduces	the spare power	is used	to recharge the battery bank
	Type: Creative Intransitive			
27	Actor	Process	Goal	
	The Multiplus	also offers	several other functional advantages such as powerControl and PowerAsist	
	Type: Creative Transitive			
28	Actor	Process	Goal	
	The Multiplus and Quattro products	play	a central role in both AC and DC systems	
	Type: Creative Transitive			

29	Actor	Process	Goal	
	The Inverter	Will continue	To access	
	Type: Creative Transitive			
30	Actor	Process	Goal	
	The Multiplus	can take	only one AC source	
	Type: Creative Transitive			
31	Circumstance	Actor	Process	Goal
	In this Multiplus-base system example	the generator	directly changes	the batteries and/or feeds the inverters
	Type: Creative Transitive			
32	Actor	Process	Goal	
	this system	offers	a lot of advantages such as weight reduction and comfort	
	Type: Creative Transitive			
33	Actor	Process	Circumstance	Goal
	this system	is based	on a Quattro	which forms the heart of the system
	Type: Creative Intransitive			
34	Circumstance	Actor	Process	Goal
	Depending on how high the demand for power is	The Quattro	will choose	between battery-shore-and generator power
	Type: Creative Transitive			
35	Circumstance	Actor	Process	Goal
	Configuring parallel and three phase systems is easy	Our VEConfigure software tool	allows	the installer to put components together, without anyh hardware changes or dipsithches. Just using standard products
	Type: Transformative Transitive			
36	Actor	Process	Goal	Circumstance
	Our inverters, Multi's and Quattro's	can be paralleled	to meet higher power requirements	A simple setting with our VECOnfigure configuration software is sufficient
	Type: Creative Intransitive			
37	Actor	Process	Goal	
	our systems	are comprised	of various components	
	Type: Creative Intransitive			
38	Actor	Process	Goal	
	some of which	are specifically designed	for a wide range of applications	
	Type: Creative Intransitive			
39	Actor	Process	Goal	
	Blue Power Panel	connects	To a Multi or Quattro and all devices	
	Type: Creative Transitive			
40	Actor	Process	Goal	
	You	are able	to find the specifications and other detailed information about these components in the Technical Information' section	
	Type: Creative Transitive			
41	Actor	Process	Goal	
	Key tasks of the the Victron Battery Monitor	are measuring	charge and discharge currents as well as calculating the state-of-charge and time-to- go of a battery	
	Type: Creative Transitive			
42	Actor	Process	Goal	
	An alarm	is sent	when certain limits are exceeded (such as	

			an excessive discharge)	
	Type: Creative Intransitive			
43	Actor	Process	Goal	
	The Battery Protect	disconnects	The battery from non-essential loads	
	Type: Creative Transitive			
44	Actor	Process	Goal	
	This	includes	sending alarms	
	Type: Creative Intransitive			
45	Actor	Process	Goal	Circumstance
	These messages	contain	Information	about the status of a system as well as warnings and alarms.
	Type: Transformative Transitive			
46	Circumstance	Actor	Process	Goal
	Consequently	this data	Is sent	to a website vla a GPRS-connection
	Type: Creative Intransitive			
47	Actor	Process	Recipient	Goal
	This	enables	you	to access the read-outs remotely, where end whenever you like
	Type: Transformative Transitive			
48	Actor	Process	Goal	
	A special cable	can be used	to connect the Ethernet remote directly to an existing internet connection	
	Type: Creative Intransitive			
49	Actor	Process	Circumstance	
	Output current	Will reduce	As temperature increases up to 60 degrees Celsius	
	Type: Creative Intransitive			
50	Actor	Process	Recipient	Circumstance
	A simple turn of the button	can limit	the power supply	of for a example a generator and/or ahore-side current
	Type: Transformative Transitive			

In this section, the writer elaborated material process realized in Electrical products catalogues, the data obtained amounted to 50 data from two catalogues entitled MH Protection Relays: A Protection Class of Its Own and Victron Energy: Blue Energy.

Based on the findings, the results of the analysis table are divided into four types such as Creative Transitive Clause, Creative Intransitive Clause, Transformative Transitive Clause, and Transformative Intransitive Clause. There are 42% of the Creative Transitive Clause, 36% of the Creative Intransitive Clause, 20% of the Transformative Transitive Clause, and 2% of the Transformative Intransitive Clause.



Discussion

Based on the findings, the results of the analysis table are divided into four types such as Creative Transitive Clause, Creative Intransitive Clause, Transformative Transitive Clause, and Transformative Intransitive Clause. There are 42% of the Creative Transitive Clause, 36% of the Creative Intransitive Clause, 20% of the Transformative Transitive Clause, and 2% of the Transformative Intransitive Clause.

The creative Transitive clause is the clause that contains creative clause and transitive process, In the 50 data above, there are found 21 data of clause that is the creative transitive clause. Every process always has a goal that it creates. Example of data Below is a representation of a creative transitive clause:

Data 6

"With Digital processing of input values, The ROA207 offers high measuring accuracy and a wide setting range in fine resolution."

6	Circumstance	Actor	Process	Goal
	With digital processing of input values	The ROA207	offers	high measuring accuracy and a wide setting range in fine resolution
	Type: Creative Transitive			

In data 6 above, the creative process and transitive verb were found in the clause *"With Digital processing of input values, The ROA207 offers high measuring accuracy and a wide setting range in fine resolution.".* The verb "offers" is the material process of the clause in the form of doing something which is a transitive verb, it was utilized to describe the ROA207's material processing. And "offers high measuring accuracy and a wide setting range in fine resolution.*"* Serves as the goal of the structure's objective which is the outcome of The ROA207.

Data 7

"Featuring a first-of-its kind, OLED Display (Organic Light Emitting Diode), The ROA207 provides unparalleled clarity and crisp sharpness, alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real time/date stamp."

7	Circumstance	Actor	Process	Goal
	Featuring a first-of-its kind, OLED Display (Organic Light Emitting Diode)	The ROA207	provides	unparalleled clarity and crisp sharpness, alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real time/date stamp
	Type: Creative Transitive			

In data 7 above, the creative process and transitive verb were found in the clause *"Featuring a first-of-its kind, OLED Display (Organic Light Emitting Diode), The ROA207 provides unparalleled clarity and crisp sharpness, alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real time/date stamp".* The word "provides" is the material process of the clause in the form of doing something which is transitive verb, was used to explain the material process done by The ROA207. And "offers high measuring accuracy and a wide setting range in fine resolution.*"* Act as the goal of the structure which is the outcome of The ROA207.

Data 13

"This eliminates the need of an auxiliary supply to provide a fault indication, ensuing enhanced safety."

13	Actor	Process	Goal
	This	eliminates	the need of an auxiliary supply to provide a fault indication, ensuing enhanced safety
	Type: Creative Transitive		

In the data 13 above, such as clause from data number 6, data number 7, etc. The data number 13 "eliminates" is the verb that represents doing and it is called a transitive verb it is a creative clause because the outcome is the coming into existence of the goal, the outcome is thus the participants themselves.

Besides creative transitive clauses, in the electrical products catalogues also have found a lot of creative intransitive clauses, in the 50 data above, there are 18 data of clauses that are categorized as creative intransitive clauses. It can be seen as the process

Data 2

"The MTB is designed to prevent power circuits from re-energizing before a fault is completely rectified."

2	Actor	Process	Goal	
	The MTB	Is designed	to prevent power circuits	from re-energizing before a fault is completely rectified
	Type: Creative Intransitive			

In data 2 above, the creative process and intransitive verb were detected in the clause *"The MTB is designed to prevent power circuits from re-energizing before a fault is completely rectified."* The word "is designed" is the material process of the clause in the form of something happening which is an intransitive verb, and was used to explain the material process done for The MTB. And "circuits from re-energizing before a fault is completely rectified*."* Act as the goal of the structure which is the outcome of The MTB.

Data 25

"Where peak power is so often required only for a limited period, the Multi Plus will make sure that insufficient shore or generator power is immediately compensated with power from the battery."

25	Actor	Process	Goal
	Where peak power	is so often required	only for a limited period, the MultiPlus will make sure that insufficient shore or generator power is immediately compensated with power from the battery
	Type: Creative Intransitive		

In data 25 above, the creative process and intransitive verb were detected in the clause *"Where peak power is so often required only for a limited period, the Multi Plus will make sure that insufficient shore or generator power is immediately compensated with power from the battery."* The word "is so often required" is the material process of the clause in the form of something happening done for Peak Power. And "only for a limited period, the MultiPlus will make sure that insufficient shore or generator power is immediately compensated with power from the battery." Act as the goal of the structure which is the outcome of The Peak Power.

Data 33

"this system is based on a Quattro, which forms the heart of the system."

33	Actor	Process	Circumstance	Goal	
	this system	is based	on a Quattro,	which forms	the heart of the system
	Type: Creative Intransitive				

From data number 2 "is designed", data number 25 "is so often required", and data number 33 "is based" etc., the verbs above are called Intransitive verbs because they represent the process of happening. From the table analysis, the writer found that 10 data of clause is the transformative transitive clause such as data number 1, data number 4, data number 12, and etc.

Data 1

"The MTB doesn't require auxiliary supply to provide a fault indication."

1	Actor	Process	Recipient	Goal	
	The MTB	doesn't require	auxiliary supply	to provide	a fault indication
	Type: Transformative Transitive				

Data 4

"Featuring a first-of-its kind, OLED Display (Organic Light Emitting Diode), the REA200 provides unparalleled clarity and crisp sharpness, alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real."

4	Circumstance	Actor	Process	Recipient	Goal
	Featuring a first-of-its kind	OLED Display (Organic Light Emitting Diode), the REA200	provides	unparalleled clarity and crisp sharpness	alongside the enhanced functions such as communication interfaces, diagnostic features such as fault data recording with real
	Type: Transformative Transitive				

Data 12

"The EF18 incorporates the MTB fault indication system in advanced protection relaying for system abnormalities."

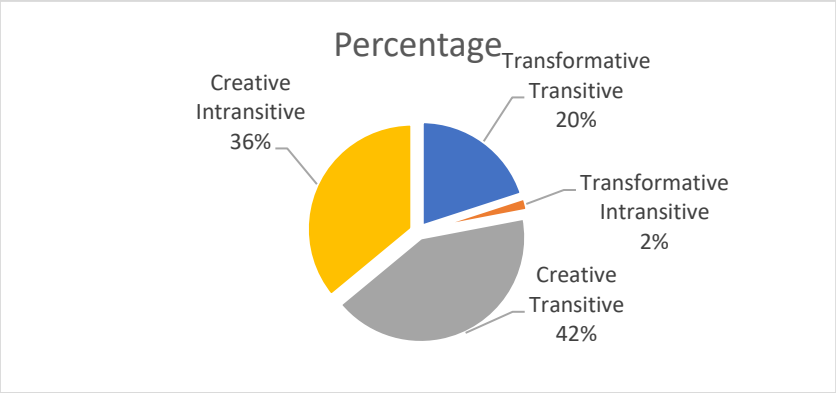
12	Actor	Process	Recipient	Goal
	The EF18	incorporates	the MTB fault indication system	in advanced protection relaying for system abnormalities
	Type: Transformative Transitive			

Transformative transitive clauses, unlike 'creative' clauses, 'transformative' ones can often have a separate element representing the outcome. the outcome is the change of some aspect of an already existing participant or goal.

Besides three types of material processes that are realized in the electrical products catalogues, this type is the most least found in the table of data, there is only one data that is categorized as a transformative intransitive clause.

14	Actor	Process	Circumstance	Goal
	The MH earth leakage relay series	are combined	with a wide range of zero phase current transformers with diameter from 35mm to 140mm	providing the maximum application flexibility for an effective protection in every point of the system
	Type : Transformative Intransitive			

From data number 14 "The MH earth leakage relay series is combined with a wide range of zero phase current transformers with diameter from 35mm to 140mm, providing the maximum application flexibility for an effective protection in every point of the system." It is categorized as transformative one because there is a separate element representing the actor.



4. CONCLUSION

This study analyzed how material Processes (types of material process) are realized in the electrical products catalogues, the finding reviewed the material process through descriptive qualitative study. From the result of the analysis and discussion, the writer can conclude that the Creative Transitive Clause is the most commonly found in the electrical catalogues, and the least is the Transformative Intransitive Clause which is only one data of 50 data obtained. The verbs provides, offers, incorporates, and eliminates tend to realize the material process as transitive/doing verbs. The processes of doing mostly happen in transitive forms.

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