

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2018/010292

A. CLASSIFICATION OF SUBJECT MATTER

C08L 23/16(2006.01)i, C08L 83/00(2006.01)i, C08J 3/24(2006.01)i, C08J 3/28(2006.01)i, C08K 9/06(2006.01)i, C08K 3/22(2006.01)i, C08K 5/00(2006.01)i, B29B 9/12(2006.01)i, B29B 9/10(2006.01)i, H01B 13/14(2006.01)i
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C08L 23/16; C08K 3/00; C08K 5/16; C08L 23/00; C08L 31/04; C08L 83/00; H01B 3/28; H01B 3/44; C08J 3/24; C08J 3/28; C08K 9/06; C08K 3/22; C08K 5/00; B29B 9/12; B29B 9/10; H01B 13/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models: IPC as above
Japanese Utility models and applications for Utility models: IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS (KIPO internal) & Keywords: irradiation crosslinking composition, cable, EPDM, polyolefine, silicon rubber, flame retardant, crosslinking booster, auxiliary crosslinking agent, antioxidant, lubricant, mixing, extrusion

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2016-533623 A (JIANGSU DASHENG POLYMER CO., LTD.) 27 October 2016 See claims 1, 4.	1-9
Y	KR 10-1496967 B1 (KYUNGSHIN CABLE) 18 March 2015 See abstract; paragraphs [0034], [0041], [0049], [0057], [0067], [0068], [0076], [0077], [0107], [0108]; and claims 1, 13.	1-9
A	KR 10-2017-0005294 A (KYUNGSHIN CABLE) 12 January 2017 See the entire document.	1-9
A	KR 10-2017-0041824 A (NEXANS) 17 April 2017 See the entire document.	1-9
A	KR 10-2005-0116053 A (LS CABLE & SYSTEM LTD.) 09 December 2005 See the entire document.	1-9



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family


Date of the actual completion of the international search

06 DECEMBER 2018 (06.12.2018)

Date of mailing of the international search report

07 DECEMBER 2018 (07.12.2018)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2018/010292

Patent document cited in search report	Publication date	Patent family member	Publication date
JP 2016-533623 A	27/10/2016	CN 103524896 A CN 103524896 B EP 3053956 A1 EP 3053956 A4 EP 3053956 B1 JP 6074548 B2 US 2016-0217883 A1 US 9536638 B2 WO 2015-043121 A1	22/01/2014 25/05/2016 10/08/2016 02/08/2017 24/10/2018 01/02/2017 28/07/2016 03/01/2017 02/04/2015
KR 10-1496967 B1	18/03/2015	NONE	
KR 10-2017-0005294 A	12/01/2017	KR 10-1723677 B1	07/04/2017
KR 10-2017-0041824 A	17/04/2017	CN 107004462 A EP 3178093 A1 FR 3024797 A1 FR 3024797 B1 WO 2016-020583 A1	01/08/2017 14/06/2017 12/02/2016 29/07/2016 11/02/2016
KR 10-2005-0116053 A	09/12/2005	KR 10-0635586 B1	18/10/2006