

Title (en)
POLYMER COMPOSITION FOR SHEATHING CABLES AND CONDUCTORS

Publication
EP 0148416 A3 19850821 (DE)

Application
EP 84114762 A 19841204

Priority
DE 3344588 A 19831209

Abstract (en)
[origin: EP0148416A2] A flame retardant polymer mixture for the sheathing of cables and wires comprises copolymers of ethylenevinyl acetate and ethylene-butyl acrylate, grafted with organosilane for cross-linking, a cross-linking catalyst, 3 to 15% by weight of ethylene-vinyl acetate containing 50% vinyl acetate, and 21 to 32% by weight of aluminium hydroxide. The presence of the second ethylene-vinyl acetate copolymer enables an increased amount of aluminium hydroxide to be incorporated in the mixture, thereby improving both flame retardancy and flexibility.

IPC 1-7
H01B 3/44; C08L 51/06

IPC 8 full level
H01B 3/44 (2006.01)

CPC (source: EP)
H01B 3/44 (2013.01)

Citation (search report)

- [A] EP 0054424 A2 19820623 - LINDSAY & WILLIAMS LTD [GB]
- [A] CHEMICAL ABSTRACTS, Band 99, Nr. 26, 26. Dezember 1983, Seite 48, Nr. 213576y, Columbus, Ohio, US; & JP - A - 58 118 828 (SHOWA ELECTRIC WIRE AND CABLE CO., LTD.) 15.07.1983
- [A] CHEMICAL ABSTRACTS, Band 84, Nr. 20, 17. Mai 1976, Seite 74, Nr. 136989w, Columbus, Ohio, US; & JP - A - 76 08355 (SHOWA ELECTRIC WIRE AND CABLE CO., LTD.) 23.01.1976

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 0148416 A2 19850717; EP 0148416 A3 19850821; AU 3586184 A 19850613; AU 578256 B2 19881020; BE 903192 A 19860306; DE 3344588 A1 19850620; DE 3344588 C2 19941215; FR 2556356 A1 19850614; FR 2556356 B1 19860919; GB 2151236 A 19850717; GB 2151236 B 19870624; GB 8429596 D0 19850103; NO 844852 L 19850610; NZ 210343 A 19880108

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EP 84114762 A 19841204; AU 3586184 A 19841126; BE 2060787 A 19850906; DE 3344588 A 19831209; FR 8418746 A 19841207; GB 8429596 A 19841123; NO 844852 A 19841205; NZ 21034384 A 19841127