

Title (en)
Flat conductor belt cable with plies made from metallised polyamide fibres

Title (de)
Flachleiterbandkabel mit Lagen aus metallisierten Polyamidfasern

Title (fr)
Câble conducteur plat doté de couches en fibres de polyamide métallisées

Publication
EP 2040269 A3 20120404 (DE)

Application
EP 08164527 A 20080917

Priority
DE 102007044921 A 20070919

Abstract (en)
[origin: EP2040269A2] The cable (1) has an electrical conductor (2) i.e. copper conductor, provided in form of a flat strip with a fiber layer (3) having electrically conducting fibers (4) and an insulation covering (5) made of plastic. The fiber layer rests against a broadside of the strip along the conductor and stays in electrical contact with the conductor, where the fibers are metallized plastic fibers. The fibers are polyamide fibers metallized with silver. Silver portion amounts between 5 and 30 weight percentages related to weight of the fibers.

IPC 8 full level
H01B 7/08 (2006.01)

CPC (source: EP)
H01B 7/0869 (2013.01); **H01B 7/0018** (2013.01)

Citation (search report)

- [XY] DE 19623800 A1 19970724 - RUTHENBERG GMBH WAERMETECHNIK [DE]
- [Y] DE 3336701 A1 19850425 - ZIPPERTUBING CO [US]
- [A] US 5218171 A 19930608 - ALDISSI MAHMOUD [US]
- [AD] DE 19540807 C1 19970417 - MAYER TEXTILMASCHF [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2040269 A2 20090325; EP 2040269 A3 20120404; DE 102007044921 A1 20090409

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EP 08164527 A 20080917; DE 102007044921 A 20070919