

Title (en)
FLAT CABLE AND METHOD OF MANUFACTURING THE SAME

Title (de)
FLACHKABEL UND SEIN HERSTELLUNGSVERFAHREN

Title (fr)
CABLE PLAT ET PROCEDE DE FABRICATION

Publication
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Application
EP 98919609 A 19980515

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Abstract (en)
There are provided a flat cable having excellent life characteristics at the time of repeated flection and a method of manufacturing the flat cable with high productivity. In a flat cable in which a plurality of rectangular conductors arranged in parallel are buried in an insulating resin layer, the insulating resin layer in contact with at least the rectangular conductors is an extrusion coating layer formed of a thermoplastic resin with a flexural modulus of 800 to 2400 MPa. The flat cable is manufactured by feeding a plurality of rectangular conductors arranged in parallel to a cross-head of an extruder and by supplying the thermoplastic resin to extrusion coat the rectangular conductors. <IMAGE>

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H01B 7/08 (2006.01); **H01B 13/14** (2006.01)

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Citation (search report)
See references of WO 9852199A1

Cited by
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