

Title (en)

Electrical conductor having an insulation of plastic material.

Title (de)

Elektrischer Leiter bestehend aus einer Isolierung aus Kunststoff.

Title (fr)

Conducteur électrique comportant une isolation en matière plastique.

Publication

EP 0674326 A3 19961023 (EN)

Application

EP 95102470 A 19950222

Priority

DE 4410341 A 19940325

Abstract (en)

[origin: EP0674326A2] An electrical conductor comprising an insulation of plastic material, characterized by an integral body made of a mixture of said plastic material and a content of metallic fibers, said fibers having a small cross-sectional dimension relative to the length, said body being molded by injection molding or extrusion, respectively, such that during said molding process said metallic fibers substantially concentrate in the central portion in view of the flowing direction of the molding process whereby a well-conductive conductor portion is formed. <IMAGE>

IPC 1-7

H01B 7/00

IPC 8 full level

H01B 1/22 (2006.01); **H01B 5/16** (2006.01); **H01B 7/00** (2006.01)

CPC (source: EP)

H01B 1/22 (2013.01); **H01B 5/16** (2013.01); **H01B 7/0009** (2013.01)

Citation (search report)

- [XA] WO 8806342 A1 19880825 - GEN ELECTRIC [US]
- [XA] GB 2150936 A 19850710 - BEKAERT SA NV
- [A] US 5034157 A 19910723 - MERRELL KENNETH C [US], et al
- [A] GB 2198734 A 19880622 - DOW CHEMICAL CO

Cited by

WO2011157528A1; BE1020350A3; US8858848B2

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DE FR GB IT

DOCDB simple family (publication)

EP 0674326 A2 19950927; **EP 0674326 A3 19961023**; **EP 0674326 B1 20000510**; DE 4410341 A1 19950928; DE 69516746 D1 20000615; DE 69516746 T2 20000907

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