

Title (en)

Electrical conductor with polymeric insulation.

Title (de)

Elektrischer Leiter, der mit einem Polymer isoliert ist.

Title (fr)

Conducteur électrique à isolant polymère.

Publication

EP 0377080 B1 19951206 (DE)

Application

EP 89117457 A 19890921

Priority

US 28804888 A 19881221

Abstract (en)

[origin: EP0377080A2] Process for joining a completely thermally cured polymer to itself or to another material by coating the polymer with an adhesive layer of a completely thermally cured organosiloxanimide adhesive which contains an organic peroxide, and curing the adhesive by heating in order to crosslink it. The polymer used may be a polyimide, a polyphenylene sulphide or a polyether ether ketone. A heat-resistant and solvent-resistant polymer-insulated wire is obtained.

IPC 1-7

H01B 3/46; **H01B 3/30**; **H01B 7/02**

IPC 8 full level

H01B 3/30 (2006.01); **H01B 3/46** (2006.01)

CPC (source: EP)

H01B 3/301 (2013.01); **H01B 3/306** (2013.01); **H01B 3/46** (2013.01)

Cited by

EP2544194A1; EP2544191A3; EP0551747A1; EP0568923A1; US5437930A; EP2544192A3; EP2544193A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0377080 A2 19900711; **EP 0377080 A3 19911218**; **EP 0377080 B1 19951206**; AT E131310 T1 19951215; DE 377080 T1 19901018; DE 58909529 D1 19960118; ES 2080058 T3 19960201

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