Title (en)

Insulated electrical conductor continuing to function in case of fire

Title (de)

Isolierter elektrischer Leiter mit Funktionserhalt im Brandfall

Title (fr)

Conducteur electrique isolé continuant à fonctionner en cas d'incendie

Publication

EP 1199728 A3 20031217 (DE)

Application

EP 01402422 A 20010921

Priority

DE 10051962 A 20001020

Abstract (en)

[origin: EP1199728A2] The isolated electrical conductor has a metal conductor (1), a first coating containing glass and/or mica and a second plastic coasting (6) over the first coating. The first coating consists of at least two bands (2,3) of glass and/or mica applied to the conductor, whereby the width of the strips is selected so that they overlap by at least 50 per cent. Independent claims are also included for the following: an arrangement for implementing the method of manufacturing an isolated electrical conductor that retains functionality in event of fire.

IPC 1-7

H01B 7/295; H01B 7/28; H01B 7/18; H01B 7/29

IPC 8 full level

H01B 7/02 (2006.01); **H01B 7/295** (2006.01)

CPC (source: EP US)

H01B 7/0258 (2013.01 - EP US); **H01B 7/0283** (2013.01 - EP US); **H01B 7/295** (2013.01 - EP US)

Citation (search report)

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- [XY] EP 0100829 A2 19840222 - AEG TELEFUNKEN KABELWERKE [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 003, no. 150 (E - 158) 11 December 1979 (1979-12-11)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03 31 March 1997 (1997-03-31)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 137 (E - 1518) 7 March 1994 (1994-03-07)

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FR3026889A1; CN104299691A; EP1619694A1; WO2016051256A1; EP1215687B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1199728 A2 20020424; **EP 1199728 A3 20031217**; DE 10051962 A1 20020502; US 2002046871 A1 20020425; US 6747214 B2 20040608

DOCDB simple family (application)

EP 01402422 A 20010921; DE 10051962 A 20001020; US 98171301 A 20011019