

Title (en)

HALOGEN-FREE, FIRE-RESISTING CABLE CONTINUING TO FUNCTION FOR A CERTAIN PERIOD IN CASE OF FIRE

Publication

**EP 0100829 A3 19840418 (DE)**

Application

**EP 83105258 A 19830527**

Priority

DE 3229352 A 19820806

Abstract (en)

[origin: EP0100829A2] 1. Halogen-free, flameproof cable continuing to function for a certain time in the event of fire, with at least one conductor, each of these being surrounded by an insulating polymer layer and a heat-resistant layer comprised of inorganic material and being embedded in a heat-resistant filler layer forming an inside jacket and surrounded by an armour over which a sheathing forming an outside jacket is disposed, characterized in that the heat-resistant layer surrounding the conductors is directly applied onto the conductors and consists of a firstly wound-on layer of mica and a layer of glass silk plaited or wound thereon, and in that the inside jacket consists of a polymer mixture filled with filler materials and, in particular, metal oxide hydrates.

IPC 1-7

**H01B 7/34**

IPC 8 full level

**H01B 7/295** (2006.01)

CPC (source: EP)

**H01B 7/295** (2013.01)

Citation (search report)

- [X] FR 2383509 A1 19781006 - BICC LTD [GB]
- [X] FR 2377688 A1 19780811 - BICC LTD [GB]
- [X] GB 2009488 A 19790613 - BICC LTD
- [X] GB 1583954 A 19810204 - BICC LTD
- [X] GB 2050041 A 19801231 - PIRELLI GENERAL CABLE WORKS
- [A] FR 2377687 A1 19780811 - NORSK KABELFABRIK AS [NO]
- [A] FR 2381377 A1 19780915 - TREFIMETAUX [FR]

Cited by

DE3837046A1; EP0382542A1; US5410106A; EP0443237A1; AU570261B2; EP1199728A3; AU737424B2; EP0540740A4; EP0268827A1; FR2605792A1; FR2573910A1; CN104616741A; US6747214B2; WO9520227A1; WO8603329A1; WO9904402A1

Designated contracting state (EPC)

BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0100829 A2 19840222; EP 0100829 A3 19840418; EP 0100829 B1 19861105;** DE 3229352 A1 19840209; DE 3229352 C2 19850124

DOCDB simple family (application)

**EP 83105258 A 19830527;** DE 3229352 A 19820806