

Title (en)

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

Publication

EP 0100829 B1 19861105 (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)

Cited by

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

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