

Title (en)
Fire resistant halogen-free safety cable

Title (de)
Feuerbeständiges halogenfreies Sicherheitskabel

Title (fr)
Câble de sécurité, résistant au feu et sans halogène

Publication
EP 0942439 B1 20020904 (FR)

Application
EP 99400527 A 19990304

Priority
FR 9803053 A 19980312

Abstract (en)
[origin: EP0942439A1] The cable has at least one electrical conductor (1) inside an insulator (2) made from a polymer compound containing a ceramic filler which is converted, at least superficially, into a ceramic at high temperature. The cable has spaces (4) between the conductors and an outer sleeve (3) made from a polyolefin compound with a metal hydroxide filler which burns completely and converts into residual cinders in the event of fire.

IPC 1-7
H01B 7/29

IPC 8 full level
H01B 7/295 (2006.01)

CPC (source: EP)
H01B 7/295 (2013.01)

Cited by
WO2010055247A1; RU207042U1; RU200580U1; FR2938368A1; AU2005334975B2; US7829792B2; WO2007012703A1; WO2007014983A1; WO2009034459A2; WO2010142917A1; US9603054B2; US8859903B2; US9659685B2; EP3404673A1

Designated contracting state (EPC)
BE CH DE GB IT LI

DOCDB simple family (publication)
EP 0942439 A1 19990915; EP 0942439 B1 20020904; EP 0942439 B2 20080109; DE 69902705 D1 20021010; DE 69902705 T2 20030807; DE 69902705 T3 20081030; FR 2776119 A1 19990917; FR 2776119 B1 20000623

DOCDB simple family (application)
EP 99400527 A 19990304; DE 69902705 T 19990304; FR 9803053 A 19980312