

Title (en)
FIRE-RESISTANT WIRES

Title (de)
FLAMMHEMMENDE DRÄHTE

Title (fr)
FILS IGNIFUGES

Publication
EP 0770259 A1 19970502 (EN)

Application
EP 95924456 A 19950712

Priority
• GB 9501638 W 19950712
• GB 9414245 A 19940714
• GB 9500362 A 19950109

Abstract (en)
[origin: WO9602920A1] Mica-wrapped wires for fire-resistant cables have an unusually low degree of overlap in the mica tape wraps, which unexpectedly produces a smoother external profile while retaining an acceptable degree of fire protection. Two layers of glass-cloth-backed mica tape, preferably with a polymer film overlying the cloth, are preferably applied with their respective (low) overlaps staggered. This smoother wrapping is especially effective when thin (less than 0.8 mm) polymer coatings are to be extruded over the wrapped wire.

IPC 1-7
H01B 7/34

IPC 8 full level
H01B 7/295 (2006.01)

CPC (source: EP KR)
H01B 7/29 (2013.01 - KR); **H01B 7/295** (2013.01 - EP)

Citation (search report)
See references of WO 9602920A1

Cited by
EP3301687A1; US2018096753A1; WO2016193022A1; EP3886121A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
WO 9602920 A1 19960201; AU 2895195 A 19960216; AU 696852 B2 19980917; CA 2194993 A1 19960201; CA 2194993 C 20031028; CN 1080443 C 20020306; CN 1152969 A 19970625; DE 69512242 D1 19991021; DE 69512242 T2 20000720; EP 0770259 A1 19970502; EP 0770259 B1 19990915; IL 114579 A0 19951127; IL 114579 A 19980816; JP 4015694 B2 20071128; JP H10503050 A 19980317; KR 100363600 B1 20030219; KR 970705149 A 19970906; MY 113998 A 20020731; TW 374182 B 19991111

DOCDB simple family (application)
GB 9501638 W 19950712; AU 2895195 A 19950712; CA 2194993 A 19950712; CN 95194100 A 19950712; DE 69512242 T 19950712; EP 95924456 A 19950712; IL 11457995 A 19950713; JP 50479296 A 19950712; KR 19970700213 A 19970114; MY PI19951987 A 19950713; TW 84107380 A 19950717