

Title (en)
DATA AND/OR POWER TRANSMISSION CABLE WITH FIREPROOF COATING AND METHOD FOR FIREPROOFING SUCH A COATING

Title (de)
DATEN- UND/ODER STROMÜBERTRAGUNGSKABEL MIT FEUERFESTER BESCHICHTUNG UND VERFAHREN ZUR FEUERSICHERUNG EINER SOLCHEN BESCHICHTUNG

Title (fr)
CABLE DE TRANSMISSION DE DONNEES ET/OU D'ENERGIE A REVETEMENT IGNIFUGE ET PROCEDE D'IGNIFUGATION D'UN TEL REVETEMENT

Publication
EP 1934991 A1 20080625 (FR)

Application
EP 06831253 A 20060929

Priority
• FR 2006050967 W 20060929
• FR 0552994 A 20051003

Abstract (en)
[origin: FR2891656A1] The method involves incorporating a fire-retardant agent in a coating of a power or data transmitting cable using a supercritical fluid e.g. carbon dioxide. The incorporation is performed after manufacturing the coating, and the agent is chosen among metal hydroxide, metal hydroxyl-carbonate, silica, phyllosilicate, zinc hydroxystannate, zinc stannate, phosphorous derivatives and boron compounds. The fluid is maintained at a supercritical state for a preset time for obtaining the incorporation. The fluid is eliminated, and the cable with fireproof coating is retrieved. An independent claim is also included for a power and data transmitting cable comprising a fire-proof coating.

IPC 8 full level
H01B 7/29 (2006.01); **H01B 13/22** (2006.01)

CPC (source: EP KR US)
H01B 7/29 (2013.01 - KR); **H01B 7/292** (2013.01 - KR); **H01B 7/295** (2013.01 - EP KR US); **H01B 13/22** (2013.01 - KR); **Y10T 428/2933** (2015.01 - EP US)

Citation (search report)
See references of WO 2007042699A1

Designated contracting state (EPC)
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DOCDB simple family (application)
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