

Title (en)

Cable comprising a layer of impregnated fibrous material and corresponding impregnation method

Title (de)

Kabel, das eine imprägnierte Faserschicht umfasst, und entsprechendes Imprägnierverfahren

Title (fr)

Cable comportant une couche de matière fibreuse imprégnée et procédé d'imprégnation correspondant

Publication

EP 1801817 A1 20070627 (FR)

Application

EP 06301242 A 20061212

Priority

FR 0553997 A 20051222

Abstract (en)

The cable has a fibrous material layer covered by an impregnating varnish, which is made of a composition comprising a polymer resin, water and a surface active agent, where the varnish has a viscosity between 100 and 2000 millipascal seconds. The polymer resin is selected from acrylic resin, alkyd resin, polyurethane resin, epoxy resin, phenoxy resin, polyester resin or polyesterimide resin. An independent claim is also included for a method of impregnating a fibrous material layer of a power/telecommunication cable.

IPC 8 full level

H01B 7/18 (2006.01); **H01B 3/47** (2006.01); **H01B 7/02** (2006.01)

CPC (source: EP)

H01B 3/47 (2013.01)

Citation (search report)

- [X] GB 576511 A 19460408 - SHARDLOW ELECTRIC WIRES LTD, et al
- [X] US 4034153 A 19770705 - ANDRES WERNER, et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by

CN112563006A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1801817 A1 20070627; **EP 1801817 B1 20080924**; **EP 1801817 B8 20091007**; AT E409353 T1 20081015; DE 602006002867 D1 20081106; ES 2316030 T3 20090401; FR 2895560 A1 20070629; FR 2895560 B1 20080215

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