

Title (en)

CABLE WITH RECYCLABLE COVERING

Title (de)

KABEL MIT WIEDERVERWERTBARER UMMANTELUNG

Title (fr)

CABLE A GAINÉ RECYCLABLE

Publication

**EP 1295301 B1 20040414 (EN)**

Application

**EP 01951601 A 20010615**

Priority

- EP 01951601 A 20010615
- EP 0106820 W 20010615
- EP 00113661 A 20000628
- US 21603200 P 20000703

Abstract (en)

[origin: WO0203398A1] The invention describes a cable with recyclable covering, particularly for transporting or distributing medium or high voltage energy, in which at least one covering layer is based on thermoplastic polymer material comprising a propylene homopolymer or a copolymer of propylene with ethylene or an alpha -olefin other than propylene in mixture with a dielectric liquid. The cable of the invention possesses superior mechanical and electrical properties, including high dielectric strength, in particular enabling it to be used at high operating temperature.

IPC 1-7

**H01B 3/44; H01B 3/22**

IPC 8 full level

**H01B 3/22** (2006.01); **H01B 3/44** (2006.01)

CPC (source: EP US)

**H01B 3/22** (2013.01 - EP US); **H01B 3/441** (2013.01 - EP); **Y10T 428/2933** (2015.01 - EP US); **Y10T 428/294** (2015.01 - EP US);  
**Y10T 428/2947** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0203398 A1 20020110;** AR 028766 A1 20030521; AT E264539 T1 20040415; AU 2001272485 B2 20050428; AU 7248501 A 20020114;  
BR 0112004 A 20030513; BR 0112004 B1 20101116; CA 2412891 A1 20020110; CA 2412891 C 20090922; CN 1249732 C 20060405;  
CN 1503977 A 20040609; DE 60102817 D1 20040519; DE 60102817 T2 20040930; EP 1295301 A1 20030326; EP 1295301 B1 20040414;  
ES 2219544 T3 20041201; MY 123591 A 20060531

DOCDB simple family (application)

**EP 0106820 W 20010615;** AR P010103079 A 20010628; AT 01951601 T 20010615; AU 2001272485 A 20010615; AU 7248501 A 20010615;  
BR 0112004 A 20010615; CA 2412891 A 20010615; CN 01811959 A 20010615; DE 60102817 T 20010615; EP 01951601 A 20010615;  
ES 01951601 T 20010615; MY PI20012939 A 20010621