

Title (en)

High and extra-high voltage d.c. power cable

Title (de)

Hoch und Höchstspannungsgleichstromenergiekabel

Title (fr)

Câble d'énergie haute et très haute tension à courant continu

Publication

**EP 1128395 B1 20040630 (FR)**

Application

**EP 01400363 A 20010212**

Priority

FR 0002324 A 20000224

Abstract (en)

[origin: US2001030053A1] The high or very high voltage DC cable has extruded polymeric insulation made out of a styrene-containing material. The material of said insulation is constituted by a mixture comprising polyethylene, a hydrogenated block copolymer of styrene, and an anti-oxidizing agent, with the styrene content by mass being 11% to 18%, and the material is not cross-linked. The cable is suitable for use as a DC power cable.

IPC 1-7

**H01B 3/44**

IPC 8 full level

**B29C 47/02** (2006.01); **C08K 5/00** (2006.01); **C08L 23/06** (2006.01); **C08L 53/02** (2006.01); **H01B 3/28** (2006.01); **H01B 3/44** (2006.01); **H01B 9/00** (2006.01); **H01B 9/02** (2006.01)

CPC (source: EP US)

**H01B 3/441** (2013.01 - EP US); **H01B 3/442** (2013.01 - EP US)

Cited by

EP2136376A1; FR2932604A1

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)

**EP 1128395 A1 20010829**; **EP 1128395 B1 20040630**; AT E270460 T1 20040715; DE 60104029 D1 20040805; DE 60104029 T2 20041028; DK 1128395 T3 20041115; FR 2805656 A1 20010831; FR 2805656 B1 20020503; JP 2001307564 A 20011102; JP 4986331 B2 20120725; US 2001030053 A1 20011018; US 6509527 B2 20030121

DOCDB simple family (application)

**EP 01400363 A 20010212**; AT 01400363 T 20010212; DE 60104029 T 20010212; DK 01400363 T 20010212; FR 0002324 A 20000224; JP 2001039391 A 20010216; US 78982401 A 20010222