

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 A1 20010829 (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.

Abstract (fr)

Le câble haute ou très haute tension à courant continu comporte une isolation polymérique extrudée réalisée en un matériau styrénique. Il est caractérisé en ce que ledit matériau de ladite isolation est constitué d'un mélange comprenant du polyéthylène, un copolymère séquencé hydrogéné de styrène et un anti-oxydant, a un taux massique de styrène de 11 à 18% et est non réticulé. Application : Câbles d'énergie à courant continu.

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)

Citation (search report)

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- [A] US 5561185 A 19961001 - HASHIMOTO DAI [JP], et al
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EP2136376A1; FR2932604A1

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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)

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