

Title (en)

High voltage DC power cable

Title (de)

Hochspannungs-Gleichstromenergiekabel

Title (fr)

Câble d'énergie pour haute tension et courant continu

Publication

**EP 0938102 B1 20050914 (EN)**

Application

**EP 99400308 A 19990210**

Priority

NO 980691 A 19980219

Abstract (en)

[origin: EP0938102A2] The present invention relates to high voltage direct current (HVDC) cables and to subsea installation of such cables. It further relates to a HVDC power cable including a central conductor (1) and insulation layers (2) covered with a metal sheath (3) such as a lead sheath as well as outer armouring (8) and corrosion protection (9). The cable includes a concentric return current conductor (6) arranged between the metal sheath (3) and the outer corrosion protection layers (9). <IMAGE>

IPC 1-7

**H01B 9/02**

IPC 8 full level

**H01B 7/14** (2006.01); **H01B 9/00** (2006.01); **H01B 9/02** (2006.01)

CPC (source: EP)

**H01B 9/028** (2013.01)

Cited by

DE102016002881A1; US8717786B2; EP2197080A1; CN103958278A; EP4060685A4; CN103946069A; EP1933333A1; NO341274B1; CN110060806A; US2011096575A1; CN102057563A; US8816206B2; US9236720B2; US9346420B2; WO2013077462A1; WO2013077463A1; WO2008071754A1; WO03046592A1; WO2009149742A1; EP3217499A1; US9396845B2

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**EP 0938102 A2 19990825; EP 0938102 A3 20001018; EP 0938102 B1 20050914;** AU 1740799 A 19990902; AU 755659 B2 20021219; DK 0938102 T3 20060130; JP 4801236 B2 20111026; JP H11273466 A 19991008; NO 310388 B1 20010625; NO 980691 D0 19980219; NO 980691 L 19990820

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