

Title (en)
High voltage DC power cable

Title (de)
Hochspannungs-Gleichstromenergiekabel

Title (fr)
Câble d'énergie pour haute tension et courant continu

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Application
EP 99400308 A 19990210

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NO 980691 A 19980219

Abstract (en)
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)

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H01B 9/028 (2013.01)

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

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