

Title (en)

ARMoured CABLE FOR TRANSPORTING ALTERNATE CURRENT WITH REDUCED ARMOUR LOSS

Title (de)

ARMiertes KABEL ZUM TRANSPORT WECHSELSTROM MIT REDUZIERTEM VERLUST PANZERUNG

Title (fr)

CÂBLE BLINDÉ POUR TRANSPORTER DU COURANT ALTERNATIF AVEC UNE PERTE D'ARMURE RÉDUITE

Publication

EP 2852957 B1 20170301 (EN)

Application

EP 12783619 A 20121113

Priority

- EP 2012002184 W 20120522
- EP 2012072440 W 20121113
- EP 12783619 A 20121113

IPC 8 full level

H01B 7/26 (2006.01)

CPC (source: EP)

H01B 7/26 (2013.01); **H01B 7/14** (2013.01)

Citation (examination)

GB 360996 A 19311119 - WESTERN ELECTRIC CO LTD

Citation (opposition)

Opponent : NKT HV Cables AB

- T. WORZYK: "SUBMARINE POWER CABLES. DESIGN, INSTALLATION, REPAIR, ENVIRONMENTAL ASPECTS", 2009, ISBN: 978-3-642-01269-3, pages: 35, XP055438814
- PALMGREN ET AL.: "Armour loss in three-core submarine XLPE cables", 8TH INTERNATIONAL CONFERENCE ON INSULATED POWER CABLES, Versailles, France, XP055438817
- "Submarine Power Cables", 2009, Berlin Heidelberg, ISBN: 978-3-642-01269-3, ISSN: 1612-1287, article "Submarine Power Cables and Their Design Elements", pages: 33 - 34, XP05559251
- ANONYMOUS: "Power cables with extruded insulation and their accessories for rated voltages above 30KV (UM=36KV) UP to 150KV (UM=170KV)- Test methods and requirements- third edition", IEC 60840, 2004, pages 65, XP055592525
- UNOSSON OSCAR: "Offshore Cable Installation - Lillgrund", ENERGIMYNDIGHETEN AND VATTENFALL AB, 29 January 2009 (2009-01-29), pages 1 - 31, XP055592550
- "Mechanical handling of submarine cables KI058", ABB, 12 February 2009 (2009-02-12), pages 1, XP055592554
- STURM ET AL.: "Estimating the losses in three-core submarine power cables using 2D and 3D FEA simulations", 9TH INTERNATIONAL CONFERENCE ON INSULATED POWER CABLES, 21 June 2015 (2015-06-21), pages 1 - 5, XP055592557
- "Calculated Results FXBTv 3xKCMIL", ABB, 20 July 2004 (2004-07-20), pages 1, XP055592562

Cited by

EP3848944B1; EP3848944A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2852957 A1 20150401; EP 2852957 B1 20170301

DOCDB simple family (application)

EP 12783619 A 20121113