

Title (en)
High voltage submarine cable

Title (de)
Hochspannungsunterwasserkabel

Title (fr)
Câble sous-marin haute tension

Publication
EP 1124236 A3 20020206 (EN)

Application
EP 01400201 A 20010125

Priority
NO 20000635 A 20000208

Abstract (en)
[origin: EP1124236A2] A high voltage submarine cable, the cable (10) comprising principally two as such conventional cable cores (12, 13) arranged side by side thereby providing a flat cable, each core (12, 13) comprising a conductor (14) and a conductor screen (15) surrounded by an insulation (16) with an insulation screen (17) and further a lead sheath (18) as well as a steel tape reinforcement (19), the two cores (12, 13) being bundled together by a tape bedding (22) thereby also enclosing suitable filling (20), a cross tape armouring (22) of galvanized steel tapes being wound around the two cores (12, 13), surrounded by at least one layer of a transversal reinforcement (23) saturated with asphaltic compound.
<IMAGE>

IPC 1-7
H01B 7/14

IPC 8 full level
H01B 7/08 (2006.01); **H01B 7/14** (2006.01)

CPC (source: EP)
H01B 7/0807 (2013.01); **H01B 7/14** (2013.01)

Citation (search report)
• [A] CH 257223 A 19480930 - MOLLERHOJ JOHANNES SORENSEN [DK], et al
• [A] US 4282398 A 19810804 - SOLOMON JOHN H
• [AD] US 4600805 A 19860715 - GLYNN JOHN R [US], et al

Cited by
CN105788762A; CN104103344A; CN102360615A; CN103956216A; EP2045821A1; EP3848944A1; IT202000000343A1; CN103000292A; CN105702360A; CN105741960A; CN105869762A; CN105869761A; CN106024190A; US11177054B2; EP3848944B1

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 1124236 A2 20010816; EP 1124236 A3 20020206; EP 1124236 B1 20041124; AT E283537 T1 20041215; DE 60107303 D1 20041230; NO 20000635 D0 20000208; NO 20010247 D0 20010115; NO 20010247 L 20010809; NO 328357 B1 20100201

DOCDB simple family (application)
EP 01400201 A 20010125; AT 01400201 T 20010125; DE 60107303 T 20010125; NO 20000635 A 20000208; NO 20010247 A 20010115