

Title (en)
TRACTION DEVICE FOR CONSTRUCTING AN UNDERWATER SYSTEM FOR TRANSPORTING FLUID, ENERGY OR SIGNALS

Title (de)
ZUGVORRICHTUNG ZUR HERSTELLUNG EINES UNTER WASSER LIEGENDEN FLÜSSIGKEITS-, ENERGIE- ODER DATENÜBERTRAGUNGSNETZES

Title (fr)
DISPOSITIF DE TRACTION POUR LA CONSTRUCTION D'UN RESEAU DE TRANSPORT SUBAQUATIQUE DE FLUIDE, D'ENERGIE, OU DE SIGNAUX

Publication
EP 1121552 A1 20010808 (FR)

Application
EP 99949057 A 19991014

Priority
• FR 9902509 W 19991014
• FR 9813040 A 19981014

Abstract (en)
[origin: FR2784734A1] The assembly uses at least two installation conduits (1) that are joined by a connector (11) and a traction device. Each conduit has an inner sheath enclosed a sealing layer forming a peripheral ballast, and an optional outer sheath. The traction device uses two elements that are positioned by being screwed onto the end of the conduit. T

IPC 1-7
F16L 1/20

IPC 8 full level
F16L 1/16 (2006.01); **F16L 1/24** (2006.01); **F16L 9/147** (2006.01); **F16L 11/14** (2006.01); **F16L 15/04** (2006.01)

CPC (source: EP)
F16L 1/165 (2013.01); **F16L 1/24** (2013.01); **F16L 9/147** (2013.01); **F16L 11/14** (2013.01); **F16L 15/001** (2013.01); **F16L 15/008** (2013.01)

Citation (search report)
See references of WO 0022331A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
FR 2784734 A1 20000421; FR 2784734 B1 20001124; AT E218683 T1 20020615; AU 6207299 A 20000501; AU 6207399 A 20000501; AU 6207499 A 20000501; AU 6207599 A 20000501; AU 6207699 A 20000501; BR 9908783 A 20001128; BR 9909261 A 20001128; BR 9909411 A 20001121; BR 9909413 A 20001128; BR 9909593 A 20001128; CA 2346560 A1 20000420; CA 2346565 A1 20000420; CA 2346566 A1 20000420; CZ 20011313 A3 20020116; CZ 20011314 A3 20020116; CZ 20011315 A3 20011212; DE 69901729 D1 20020711; DK 1129313 T3 20020923; EP 1121551 A1 20010808; EP 1121552 A1 20010808; EP 1129313 A1 20010905; EP 1129313 B1 20020605; NO 20011838 D0 20010410; NO 20011838 L 20010612; NO 20011839 D0 20010410; NO 20011839 L 20010612; NO 20011840 D0 20010410; NO 20011840 L 20010612; PL 347185 A1 20020325; PL 347186 A1 20020325; PL 347187 A1 20020325; WO 0022330 A1 20000420; WO 0022331 A1 20000420; WO 0022332 A1 20000420; WO 0022335 A1 20000420; WO 0022338 A1 20000420

DOCDB simple family (application)
FR 9813040 A 19981014; AT 99949054 T 19991014; AU 6207299 A 19991014; AU 6207399 A 19991014; AU 6207499 A 19991014; AU 6207599 A 19991014; AU 6207699 A 19991014; BR 9908783 A 19991014; BR 9909261 A 19991014; BR 9909411 A 19991014; BR 9909413 A 19991014; BR 9909593 A 19991014; CA 2346560 A 19991014; CA 2346565 A 19991014; CA 2346566 A 19991014; CZ 20011313 A 19991014; CZ 20011314 A 19991014; CZ 20011315 A 19991014; DE 69901729 T 19991014; DK 99949054 T 19991014; EP 99949054 A 19991014; EP 99949055 A 19991014; EP 99949057 A 19991014; FR 9902505 W 19991014; FR 9902506 W 19991014; FR 9902507 W 19991014; FR 9902508 W 19991014; FR 9902509 W 19991014; NO 20011838 A 20010410; NO 20011839 A 20010410; NO 20011840 A 20010410; PL 34718599 A 19991014; PL 34718699 A 19991014; PL 34718799 A 19991014