

Title (en)

CATENARY ANCHOR LINE FOR A FLOATING DEVICE, AND APPARATUS AND METHOD FOR OPERATING THIS ANCHOR LINE

Publication

EP 0307255 B1 19920115 (FR)

Application

EP 88401736 A 19880704

Priority

FR 8712565 A 19870910

Abstract (en)

[origin: EP0307255A1] The anchor line consists of a plurality of successive elements (32) interconnected in articulated fashion and each consisting of a tube closed watertightly at each of its ends, defining an internal volume filled with air. The line (23) has one end at a small depth (22) ensuring the connection to the floating device (20), and one anchoring end (40) at great depth ensuring the anchoring to a seabed (42). The buoyancy of the anchor line (23) is variable according to its length. The tubular constituent elements have a wall thickness, relative to their diameter, which increases the nearer they are to the anchoring end (40) of the line. The anchor line (23) can be assembled on site and put in place using an appropriate apparatus.

IPC 1-7

B63B 21/20; B63B 21/50

IPC 8 full level

B63B 21/20 (2006.01)

CPC (source: EP US)

B63B 21/20 (2013.01 - EP US)

Cited by

US5212939A; FR2693525A1

Designated contracting state (EPC)

ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0307255 A1 19890315; EP 0307255 B1 19920115; BR 8804657 A 19890418; CA 1320396 C 19930720; FR 2620413 A1 19890317; NO 175246 B 19940613; NO 175246 C 19940928; NO 884002 D0 19880908; NO 884002 L 19890313; OA 08913 A 19891031; US 4941776 A 19900717

DOCDB simple family (application)

EP 88401736 A 19880704; BR 8804657 A 19880909; CA 576964 A 19880909; FR 8712565 A 19870910; NO 884002 A 19880908; OA 59428 A 19880909; US 24326688 A 19880912