

Title (en)

Mobile barrier for temporary closing of channels and port entrances

Title (de)

Mobile Barriere zum vorübergehenden Schließen von Kanälen und Hafeneinfahrten

Title (fr)

Barrière mobile pour la fermeture temporaire de canaux et d'entrées de ports

Publication

EP 2000597 A1 20081210 (EN)

Application

EP 08157697 A 20080605

Priority

IT TO20070399 A 20070606

Abstract (en)

A mobile barrier (1) for temporary closing of channels and port entrances essentially formed by a base (2) extending on the seafloor of the port entrance, and by a series of mobile floodgates (3) of a substantially rectangular shape, which are hinged edgewise on the base (2) adjacent to one another so to be able to swing around a substantially horizontal axis of rotation (A); each mobile floodgate (3) being connected to the base (2) by means of a pair of disconnectable hinges (4), which are made up of a fixed portion (4a) stably anchored to the base (2), and of a mobile portion (4b) which is fixed on the flank of the mobile floodgate (3) and incorporates the joint for articulation of the hinge about the axis of rotation (A); the fixed portion (4a) of the disconnectable hinge (4) being formed by an engagement platform (8) designed to be positioned bearing upon the surface of the base (2) for hermetic closing of a well (7) present in the base (2) itself, and by a plurality of anchoring tie rods (10) which connect the base (2) with plane appendages (12) projecting in cantilever fashion from the sides of the engagement platform (8).

IPC 8 full level

E02B 7/44 (2006.01); **E02B 3/10** (2006.01)

CPC (source: EP)

E02B 7/44 (2013.01)

Citation (applicant)

- US 3756032 A 19730904 - SOLINAS L
- US 4836711 A 19890606 - SALA ONEGLIO [IT], et al
- EP 0397609 A1 19901114 - RIVA CALZONI SPA [IT]

Citation (search report)

- [DA] EP 0397609 A1 19901114 - RIVA CALZONI SPA [IT]
- [A] EP 1726717 A2 20061129 - FRACASSO METALMECCANICA [IT]

Cited by

JP2018178400A; WO2018185984A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

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DOCDB simple family (publication)

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