

Title (en)

SUCTION HEAD OF A DREDGING VESSEL AND METHOD FOR DREDGING USING SAID SUCTION HEAD

Title (de)

SAUGKOPF FÜR EIN BAGGERSCHIFF UND VERFAHREN ZUM BAGGERN MIT VERWENDUNG DES BESAGTEN SAUGKOPFS

Title (fr)

TÊTE D'ASPIRATION D'UN NAVIRE DE DRAGAGE ET PROCÉDÉ DE DRAGAGE UTILISANT LADITE TÊTE D'ASPIRATION

Publication

**EP 3259409 B1 20190410 (EN)**

Application

**EP 16715344 A 20160217**

Priority

- BE 201505089 A 20150218
- IB 2016050838 W 20160217

Abstract (en)

[origin: WO2016132299A1] Described is a suction head of a dredging vessel configured for movement in a dragging direction P. The suction head comprises a connecting construction connectable to a suction conduit and a visor rotatable relative to the connecting construction between a lowered and a raised position around a shaft running transversely of the dragging direction P and having a suction opening directed toward the bottom for suctioning up bottom material dislodged by a lower edge of the visor. The suction head is also provided with a precutting device and with positioning means configured to carry a lower edge of the precutting device to a greater depth than the lower edge of the visor in the raised position of the visor so that bottom material can be dislodged with the lower edge of the precutting device. Also described are a dredging vessel equipped with the suction head and a method for dredging an underwater bottom.

IPC 8 full level

**E02F 3/88** (2006.01); **E02F 3/92** (2006.01); **E02F 5/10** (2006.01); **E21C 50/00** (2006.01)

CPC (source: EP)

**E02F 3/8875** (2013.01); **E02F 3/9256** (2013.01); **E02F 5/108** (2013.01)

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)

**WO 2016132299 A1 20160825**; BE 1022377 B1 20160318; DK 3259409 T3 20190715; EP 3259409 A1 20171227; EP 3259409 B1 20190410; LT 3259409 T 20191025

DOCDB simple family (application)

**IB 2016050838 W 20160217**; BE 201505089 A 20150218; DK 16715344 T 20160217; EP 16715344 A 20160217; LT 16715344 T 20160217