

Title (en)
DREDGING VESSEL

Title (de)
BAGGERSCHIFF

Title (fr)
NAVIRE DE DRAGAGE

Publication
EP 2229485 B1 20120208 (EN)

Application
EP 08849929 A 20081114

Priority
• EP 2008065616 W 20081114
• GB 0722577 A 20071116

Abstract (en)
[origin: GB2454729A] The invention relates to a dredging vessel 1. Vessel 1 has a floating member 2 to float in ambient water, the floating member having a front end 2A and a rear end 2B, and propulsion means 3 adjacent the rear end 2B. A head 12, 13 is connected to the floating member 2 forward of the propulsion means 3 and moves along the water bed upon movement of the floating vessel relative to the water bed. Head 12,13 supports at least one water outlet 14. A water pump 16 has an inlet 16A connected to ambient water and an outlet connected to the or each head water outlet 14. In use the water pump 16 delivers water under pressure to the or each head water outlet 14 to disturb particulate material on a water bed whereby it mixes with ambient water, and the propulsion means 3 draws disturbed particulate material mixed with ambient water up towards the floating member 2, and the propulsion means 3 ejecting disturbed particulate material mixed with ambient water to the rear of the vessel 1. Agitating water can be delivered from a number of jets arranged on two bars 12, 13, in such a way that the jets form a "V-shape".

IPC 8 full level
E02F 3/88 (2006.01); **B63B 35/00** (2006.01)

CPC (source: EP GB US)
B63B 35/00 (2013.01 - EP GB US); **E02F 3/885** (2013.01 - EP GB); **E02F 3/9206** (2013.01 - EP); **E02F 3/925** (2013.01 - GB); **E02F 3/9262** (2013.01 - GB); **E02F 5/287** (2013.01 - EP GB)

Cited by
CN109826265A

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

DOCDB simple family (publication)
GB 0722577 D0 20071227; **GB 2454729 A 20090520**; AT E544913 T1 20120215; DK 2229485 T3 20120529; EP 2229485 A1 20100922; EP 2229485 B1 20120208; ES 2382254 T3 20120606; PL 2229485 T3 20120731; PT 2229485 E 20120517; WO 2009063080 A1 20090522

DOCDB simple family (application)
GB 0722577 A 20071116; AT 08849929 T 20081114; DK 08849929 T 20081114; EP 08849929 A 20081114; EP 2008065616 W 20081114; ES 08849929 T 20081114; PL 08849929 T 20081114; PT 08849929 T 20081114