

Title (en)

DREDGER FOR WORKING ON A SURFACE ON THE SEA FLOOR AND METHOD FOR WORKING ON THE SURFACE

Title (de)

PLANIERGERÄT ZUR BEARBEITUNG EINER FLÄCHE AM MEERESBODEN UND VERFAHREN ZUR BEARBEITUNG DER FLÄCHE

Title (fr)

NIVELEUSE DESTINÉE À TRAITER UNE SURFACE SUR LE FOND DE LA MER ET PROCÉDÉ DE TRAITEMENT DE LA SURFACE

Publication

EP 2596178 A1 20130529 (DE)

Application

EP 11746448 A 20110716

Priority

- DE 102010031781 A 20100721
- EP 2011003557 W 20110716

Abstract (en)

[origin: WO2012022403A1] A dredger (8) for working on a surface on the sea floor (2) in the offshore region comprises a supporting mechanism with feet for supporting on the sea floor (2) and a pivoting mechanism arranged on the supporting mechanism. The pivoting mechanism is rotatable about a vertical axis (A). In order to produce a precise level surface in a simple manner, the dredger (8) is configured in such a manner that the pivoting mechanism is designed as a pivoting boom (14) and at least one soil conveyor (20) is installed on the pivoting boom (14), the conveying direction of which soil conveyor is linear and which carries away material from the sea floor, wherein the material is conveyed horizontally in a radial direction along the pivoting boom (14).

IPC 8 full level

E02F 3/06 (2006.01); **E02D 27/52** (2006.01); **E02F 3/08** (2006.01); **E02F 3/88** (2006.01); **E02F 3/92** (2006.01); **E02F 5/00** (2006.01)

CPC (source: EP)

E02D 3/02 (2013.01); **E02F 3/06** (2013.01); **E02F 3/081** (2013.01); **E02F 3/8858** (2013.01); **E02F 3/9237** (2013.01)

Citation (search report)

See references of WO 2012022403A1

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)

DE 102010031781 A1 20120126; EP 2596178 A1 20130529; WO 2012022403 A1 20120223

DOCDB simple family (application)

DE 102010031781 A 20100721; EP 11746448 A 20110716; EP 2011003557 W 20110716