

Title (en)
VESSEL FOR FORMING A TRENCH IN A WATER BOTTOM

Title (de)
GEFÄSS ZUR HERSTELLUNG EINES GRABENS IN EINEM GEWÄSSERGRUND

Title (fr)
NAVIRE POUR FORMER UNE TRANCHÉE DANS UN FOND D'EAU

Publication
EP 2864553 A1 20150429 (EN)

Application
EP 13739831 A 20130625

Priority
• NL 2009062 A 20120625
• NL 2009108 A 20120703
• NL 2013050452 W 20130625

Abstract (en)
[origin: WO2014003551A1] The invention relates to a vessel (1) for forming a trench in a water bottom (100). The vessel (1) comprises a ladder (2) and trenching means mounted to the ladder (2) The trenching means are formed by a first upwardly inclined auger (10) for forming a first inclined trench wall (101) and a second upwardly inclined auger (20, 20') for forming a second inclined trench wall (102). The first auger (10) is arranged to be rotated to move material of the water bottom (100) in an upward direction along the first auger (10).

IPC 8 full level
E02F 5/00 (2006.01); **E02F 3/06** (2006.01); **E02F 5/04** (2006.01); **E02F 5/28** (2006.01)

CPC (source: EP US)
E02F 3/06 (2013.01 - EP US); **E02F 5/006** (2013.01 - EP US); **E02F 5/04** (2013.01 - EP US); **E02F 5/109** (2013.01 - EP US); **E02F 5/282** (2013.01 - EP US); **E02F 9/062** (2013.01 - EP US)

Citation (search report)
See references of WO 2014003551A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014003551 A1 20140103; EP 2864553 A1 20150429; NL 2009108 C2 20131231; US 2015167273 A1 20150618

DOCDB simple family (application)
NL 2013050452 W 20130625; EP 13739831 A 20130625; NL 2009108 A 20120703; US 201314407992 A 20130625