

Title (en)

DREDGING HEAD AND ASSOCIATED METHOD FOR FORMING A TRENCH IN AN UNDERWATER BOTTOM

Title (de)

BAGGERKOPF UND ZUGEHÖRIGES VERFAHREN ZUR FORMUNG EINES GRABENS IN EINEM UNTERWASSERBODEN

Title (fr)

TÊTE DE DRAGAGE ET PROCÉDÉ ASSOCIÉ PERMETTANT DE FORMER UNE TRANCHÉE DANS UN FOND SOUS-MARIN

Publication

EP 3205778 A1 20170816 (EN)

Application

EP 17154845 A 20170206

Priority

BE 201605092 A 20160205

Abstract (en)

Described is a dredging head for forming a trench in an underwater bottom. The dredging head comprises a connecting part for connecting to a suction-blow conduit of a dredging vessel to be moved in a dragging direction. The dredging head further has a visor for pivoting around a horizontal axis running transversely of the dragging direction with an opening facing toward the bottom for taking up bottom material dislodged by a lower edge of the visor. The dredging head also comprises a discharge device for the dislodged bottom material. This discharge device comprises an inlet for the bottom material connecting to the opening of the visor and at least one outlet which is configured such that during movement in the dragging direction the bottom material can be discharged to at least one lateral side of the formed trench. Also described are a dredging vessel equipped with the dredging head, and a method for forming a trench in an underwater bottom.

IPC 8 full level

E02F 3/92 (2006.01)

CPC (source: EP)

E02F 3/9256 (2013.01); **E02F 3/9293** (2013.01)

Citation (applicant)

WO 0192650 A1 20011206 - SOIL MACHINE DYNAMICS LTD [GB], et al

Citation (search report)

- [A] WO 2013174932 A1 20131128 - BAGGERWERKEN DECLOEDT EN ZOON [BE]
- [A] WO 2012104314 A1 20120809 - BAGGERWERKEN DECLOEDT EN ZOON [BE], et al
- [A] GB 2097839 A 19821110 - SNAM PROGETTI

Cited by

CN107740457A; CN108374445A; CN108797686A; CN114452888A

Designated contracting state (EPC)

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BA ME

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