

Title (en)
UNDERWATER CLEANING MACHINE

Title (de)
UNTERWASSER-REINIGUNGSMASCHINE

Title (fr)
MACHINE DE NETTOYAGE SOUS-MARINE

Publication
EP 3183400 A1 20170628 (DE)

Application
EP 15749791 A 20150810

Priority
• DE 102014012377 A 20140820
• EP 2015068354 W 20150810

Abstract (en)
[origin: WO2016026727A1] The invention relates to an underwater cleaning machine (10) comprising a suction assembly (27) for generating a suction flow for sucking in dirt via at least one suction inlet (65) that is fluidically connected to a dirty water outlet (17) for connecting a pipe (23) or for connecting a separation device (22), in particular a filtering device, for separating dirt sucked in with the suction flow, wherein the cleaning machine has a releasing bristle assembly (80) for releasing dirt from a surface (O) to be cleaned. According to the invention, at least one suction device (50) is provided in addition to the releasing bristle assembly (80), which device operates with a separate suction action to that of the current of the suction flow through the suction inlet (65), in order to hold the releasing bristle assembly (80), by suction, against the surface (O) to be cleaned.

IPC 8 full level
E04H 4/16 (2006.01); **B08B 9/08** (2006.01); **E02B 15/00** (2006.01)

CPC (source: EP)
E04H 4/1636 (2013.01); **B08B 9/087** (2013.01)

Citation (search report)
See references of WO 2016026727A1

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)
DE 102014012377 B3 20160107; EP 3183400 A1 20170628; EP 3183400 B1 20190904; ES 2756712 T3 20200427;
WO 2016026727 A1 20160225

DOCDB simple family (application)
DE 102014012377 A 20140820; EP 15749791 A 20150810; EP 2015068354 W 20150810; ES 15749791 T 20150810