

Title (en)
HIGH-PRESSURE CLEANING DEVICE

Title (de)
HOCHDRUCKREINIGUNGSGERÄT

Title (fr)
APPAREIL DE NETTOYAGE HAUTE PRESSION

Publication
EP 2488309 B1 20140604 (DE)

Application
EP 09737398 A 20091014

Priority
EP 2009063434 W 20091014

Abstract (en)
[origin: WO2011044937A1] The invention relates to a high-pressure cleaning device (10), comprising a heatable heat exchanger (28) for heating a liquid that can be discharged by the high-pressure cleaning device (10), a motor (42) having a drive shaft (46) that defines a drive axis (44), a pumping unit (48) for increasing the liquid pressure, a fan impeller (52) for generating a combustion air flow, and a fuel pump (54) for conveying a fuel for the heat exchanger (28). The pump unit (48), the fan impeller (52), and the fuel pump (54) are arranged along the drive axis (44) and can be driven by means of the drive shaft (46) and form an assembly (40) together with the motor (42). In order to further develop such a high-pressure cleaning device (10) such that the assembly (40) can be installed on the high-pressure cleaning device (10) in a simplified manner while achieving a more compact construction for the high-pressure cleaning device (10), the high-pressure cleaning device (10) comprises a half-shell housing (102) having a first half-shell (100) and a second half-shell (104), which define an accommodating space (144) therebetween, in which the assembly (40) is at least partially accommodated.

IPC 8 full level
B08B 3/02 (2006.01)

CPC (source: EP US)
B08B 3/026 (2013.01 - EP US); **B08B 3/10** (2013.01 - US); **B08B 2203/007** (2013.01 - EP US); **B08B 2203/0211** (2013.01 - EP US); **B08B 2203/0235** (2013.01 - EP US)

Cited by
WO2024088755A1; DE102022128398A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011044937 A1 20110421; CN 102574164 A 20120711; CN 102574164 B 20150318; DK 2488309 T3 20140714; EP 2488309 A1 20120822; EP 2488309 B1 20140604; US 2013074884 A1 20130328; US 9283596 B2 20160315

DOCDB simple family (application)
EP 2009063434 W 20091014; CN 200980161905 A 20091014; DK 09737398 T 20091014; EP 09737398 A 20091014; US 201213434978 A 20120330