

Title (en)
IMMERSIBLE LOCK GATE

Title (de)
EINTAUCHBARES SCHLEUSENTOR

Title (fr)
PORTE IMMERSIBLE POUR ÉCLUSE

Publication
EP 3491195 B1 20211103 (DE)

Application
EP 17742664 A 20170705

Priority
• DE 102016114171 A 20160801
• EP 2017066761 W 20170705

Abstract (en)
[origin: WO2018024429A1] The invention relates to an engine assembly (1), which can be at least partially immersed in a body of water. The engine assembly (1) comprises a housing for an underwater module (6) of the engine assembly. Disposed in the region of the housing is a hollow cell (7), which is at least partially open in a lower region (8), whereas the lateral and upper regions of the hollow cell (7) are hermetically sealed, or can be hermetically sealed, and wherein the underwater module (6) can be disposed in the hollow cell (7). A largely dry running of the underwater module (6) is thus made possible. The underwater module (6) can be monitored during operation. Maintenance or repair work can be carried out on the underwater module (6) in dry conditions, without having to remove the engine assembly (1) from the body of water to do so.

IPC 8 full level
E02B 7/50 (2006.01)

CPC (source: EP)
E02B 7/50 (2013.01)

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 102016114171 A1 20180201; DE 102016114171 B4 20180315; EP 3491195 A1 20190605; EP 3491195 B1 20211103;
WO 2018024429 A1 20180208

DOCDB simple family (application)
DE 102016114171 A 20160801; EP 17742664 A 20170705; EP 2017066761 W 20170705