

Title (en)
JET PROPULSION

Title (de)
STRAHLANTRIEB

Title (fr)
PROPULSEUR À RÉACTION

Publication
EP 2109565 A1 20091021 (DE)

Application
EP 08707069 A 20080116

Priority
• EP 2008000303 W 20080116
• DE 102007002519 A 20070117

Abstract (en)
[origin: WO2008087020A1] The invention relates to jet propulsion comprising two or more units which are arranged axially one behind the other; each unit has the following components and/or features: a rotor without a hub, to whose internal circumference rotor blades are fixed; a housing in which the rotor is mounted such that it can rotate; each rotor is surrounded by an electric motor with a rotor ring and a stator ring; the rotor ring is connected to the rotor such that they rotate together; the two electric motors are designed for mutually opposite rotation directions; the bearing between the rotor and the housing has carbide which is resistant to sea water.

IPC 8 full level
B63H 1/16 (2006.01); **B63H 11/04** (2006.01)

CPC (source: EP)
B63H 11/08 (2013.01); **B63H 23/24** (2013.01); **B63H 2001/165** (2013.01); **B63H 2023/005** (2013.01)

Citation (search report)
See references of WO 2008087020A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008087020 A1 20080724; AT E492466 T1 20110115; DE 102007002519 A1 20080731; DE 502008002069 D1 20110203; EP 2109565 A1 20091021; EP 2109565 B1 20101222; EP 2292510 A1 20110309

DOCDB simple family (application)
EP 2008000303 W 20080116; AT 08707069 T 20080116; DE 102007002519 A 20070117; DE 502008002069 T 20080116; EP 08707069 A 20080116; EP 10015423 A 20080116