

Title (en)
GENERATOR-MOTOR USED FOR ELECTRIC POWER SUPPLY, STARTING THE INTERNAL COMBUSTION ENGINE AND PRIME MOVER PROPULSION

Title (de)
FÜR ELEKTRISCHE STROMVERSORGUNG, STARTEN EINES VERBRENNUNGSMOTORS UND ANTRIEB EINER KRAFTMASCHINE VERWENDETER GENERATOR-MOTOR

Title (fr)
MOTEUR GENERATEUR UTILISE POUR L'ALIMENTATION D'ENERGIE ELECTRIQUE, LE DEMARRAGE DE MOTEUR A COMBUSTION ET LA PROPULSION DE MOTEUR D'ENTRAINEMENT

Publication
EP 1976749 A1 20081008 (EN)

Application
EP 06824661 A 20061227

Priority
• SI 2006000040 W 20061227
• SI 200500359 A 20051229

Abstract (en)
[origin: WO2007075148A1] The invention describes a device for generating direct and or alternating current and or propulsion of the mobile unit in particularly boat, ship, yacht, sailboat, ship crane, agricultural machinery, excavator etc. with the generator-motor, driven by the internal combustion engine (1) preferably piston engine with the brushless, high frequency, preferably three phase generator-motor (2), connected to DC-AC converter (16), installed in a flywheel housing (11), between the engine (1) and the transmission (9), with a generator-motor permanent magnet (26) rotor (3), mounted free rotationally with the bearings (22 and 41) to the crankshaft prolonging shaft (15) and connected with the transmission input shaft (8) through the clutch (29) preferably dog clutch with gear dovetailing (6), connecting when engaged, the crankshaft or crankshaft prolonging shaft (15) with generator-motor (2) and transmission input shaft (8).

IPC 8 full level
B63H 21/20 (2006.01); **B60K 6/26** (2007.10); **B60K 6/405** (2007.10); **B60K 6/485** (2007.10); **B60K 6/547** (2007.10)

CPC (source: EP)
B60K 6/26 (2013.01); **B60K 6/405** (2013.01); **B60K 6/485** (2013.01); **B60K 6/547** (2013.01); **B60L 50/16** (2019.01); **B60W 10/02** (2013.01); **B63H 21/20** (2013.01); **B63J 3/02** (2013.01); **B60K 2006/268** (2013.01); **B60L 2200/32** (2013.01); **B60L 2200/40** (2013.01); **B60L 2210/10** (2013.01); **B60L 2210/30** (2013.01); **B60L 2210/40** (2013.01); **B60L 2220/50** (2013.01); **B60L 2240/486** (2013.01); **B63H 2021/205** (2013.01); **B63J 2003/002** (2013.01); **Y02T 10/62** (2013.01); **Y02T 10/64** (2013.01); **Y02T 10/7072** (2013.01); **Y02T 10/72** (2013.01); **Y02T 70/5236** (2013.01)

Citation (search report)
See references of WO 2007075148A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007075148 A1 20070705; EP 1976749 A1 20081008; SI 22189 A 20070630

DOCDB simple family (application)
SI 2006000040 W 20061227; EP 06824661 A 20061227; SI 200500359 A 20051229