

Title (en)
ELECTRIC POWER GENERATING SET FOR MEANS OF TRANSPORT

Title (de)
STROMGENERATORSATZ FÜR TRANSPORTMITTEL

Title (fr)
ENSEMBLE DE PRODUCTION DE PUISSANCE ÉLECTRIQUE POUR MOYENS DE TRANSPORT

Publication
EP 3184784 A3 20170712 (EN)

Application
EP 16205811 A 20161221

Priority
IT UB20159186 A 20151223

Abstract (en)
[origin: EP3184784A2] An electric power generating set for means of transport, which comprises in series a primary engine (2), to deliver mechanical energy, an alternator (3), to convert the mechanical energy delivered by the primary engine (2) into electric power, with first voltage and frequency values, and a converter (4), to vary the first values and then transfer energy to at least one electrical load (6) that can be installed on the means of transport, with second voltage and frequency values. The generating set comprises an electronic control and management unit (7), which is functionally associated with the converter (4) and with an actuator (8) for actuating a regulator (9) of the number of revolutions of the primary engine (2), in order to adapt the number of revolutions, by way of the regulator (9), to the energy demands of the load (6).

IPC 8 full level
F02D 1/10 (2006.01); **F02D 9/02** (2006.01); **F02D 11/00** (2006.01); **F02D 11/10** (2006.01); **F02D 29/06** (2006.01)

CPC (source: EP)
F02D 1/10 (2013.01); **F02D 9/02** (2013.01); **F02D 11/00** (2013.01); **F02D 11/10** (2013.01); **F02D 29/06** (2013.01)

Citation (search report)

- [XYI] US 2013104851 A1 20130502 - FALKOWSKI DAVID T [US], et al
- [XY] FR 2979766 A1 20130308 - LEROY SOMER MOTEURS [FR]
- [Y] DE 4126770 A1 19930218 - BAYERISCHE MOTOREN WERKE AG [DE]
- [Y] DE 7713538 U1 19770811
- [A] JP 2006097583 A 20060413 - HONDA MOTOR CO LTD

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)
EP 3184784 A2 20170628; EP 3184784 A3 20170712; IT UB20159186 A1 20170623

DOCDB simple family (application)
EP 16205811 A 20161221; IT UB20159186 A 20151223