

Title (en)
SYSTEM FOR POWERING AN ELECTRIC MACHINE

Title (de)
SYSTEM ZUM ANTREIBEN EINER ELEKTRISCHEN MASCHINE

Title (fr)
SYSTÈME D'ALIMENTATION DE MACHINE ÉLECTRIQUE

Publication
EP 2206232 A2 20100714 (FR)

Application
EP 08861897 A 20080930

Priority

- FR 2008001361 W 20080930
- FR 0706878 A 20071001

Abstract (en)
[origin: FR2921771A1] The system (100) has a voltage source (102) formed by a battery (+BAT) of a motor vehicle for supplying a voltage to an electronic circuit (108) when an on-off switch (101) is in a closed position. Electrochemical capacitors (104, 105) are parallelly mounted on the source when the switch is in the closed position. The circuit supplies power to an electrical machine (M), and has a precharge circuit (114) connected to the source when another on-off switch (+APC) is closed. The former on-off switch is controlled for being closed after precharging the capacitors.

IPC 8 full level
H02J 7/00 (2006.01); **H02P 1/16** (2006.01); **H02P 1/26** (2006.01); **H02P 1/46** (2006.01)

CPC (source: EP US)
H02P 1/16 (2013.01 - EP US); **H02P 1/26** (2013.01 - EP US); **H02P 1/46** (2013.01 - EP US)

Citation (search report)
See references of WO 2009077668A2

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
FR 2921771 A1 20090403; FR 2921771 B1 20141212; BR PI0817921 A2 20150407; EP 2206232 A2 20100714; JP 2010541534 A 20101224; US 2010259205 A1 20101014; WO 2009077668 A2 20090625; WO 2009077668 A3 20091105

DOCDB simple family (application)
FR 0706878 A 20071001; BR PI0817921 A 20080930; EP 08861897 A 20080930; FR 2008001361 W 20080930; JP 2010527488 A 20080930; US 68087008 A 20080930