

Title (en)
MOTOR VEHICLE COMPRISING A SOLAR MODULE

Title (de)
KRAFTFAHRZEUG MIT SOLARMODUL

Title (fr)
VEHICULE A MOTEUR COMPRENANT UN MODULE SOLAIRE

Publication
EP 1976718 A1 20081008 (DE)

Application
EP 07721861 A 20070122

Priority
• DE 2007000138 W 20070122
• DE 102006003424 A 20060124

Abstract (en)
[origin: DE102006003424A1] A motor vehicle with a solar module comprises a climate control unit (10) with an electrically driven compressor (12) powered by a generator (16) driven by a vehicle drive, a battery (18) charged by the generator and a solar module (22). An additional battery (20) can be charged by the solar module and the compressor can be driven by either or both batteries. Independent claims are also included for the following: (A) A hybrid motor vehicle as above;and (B) An energy supply system as above.

IPC 8 full level
B60H 1/00 (2006.01); **B60L 50/15** (2019.01)

CPC (source: EP KR US)
B60H 1/00 (2013.01 - KR); **B60H 1/004** (2013.01 - EP US); **B60H 1/00428** (2013.01 - EP US); **B60H 1/24** (2013.01 - KR);
B60L 1/003 (2013.01 - EP US); **B60L 8/003** (2013.01 - EP US); **B60L 50/40** (2019.01 - EP US); **B60L 58/20** (2019.01 - EP US);
B60L 2210/10 (2013.01 - EP US); **B60L 2210/40** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US);
Y02T 10/72 (2013.01 - EP US); **Y02T 10/88** (2013.01 - EP US)

Citation (search report)
See references of WO 2007085239A1

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)
DE 102006003424 A1 20070802; AU 2007209665 A1 20070802; BR PI0706451 A2 20110405; CN 101374684 A 20090225;
EP 1976718 A1 20081008; JP 2009523643 A 20090625; KR 20080081306 A 20080909; US 2008257622 A1 20081023;
WO 2007085239 A1 20070802

DOCDB simple family (application)
DE 102006003424 A 20060124; AU 2007209665 A 20070122; BR PI0706451 A 20070122; CN 200780003416 A 20070122;
DE 2007000138 W 20070122; EP 07721861 A 20070122; JP 2008550636 A 20070122; KR 20087016324 A 20080704; US 9742407 A 20070122