

Title (en)

METHOD FOR STARTING ON AN UP SLOPE OR WITH A HIGH LOAD

Title (de)

VERFAHREN ZUM STARTEN AUF EINEM ANSTIEG ODER MIT HOHER LAST

Title (fr)

PROCEDE DE DECOLLAGE EN PENTE MONTANTE ET OU LOURDEMENT CHARGE

Publication

EP 1853470 A1 20071114 (FR)

Application

EP 06709533 A 20060224

Priority

- FR 2006050163 W 20060224
- FR 0550545 A 20050301

Abstract (en)

[origin: WO2006092523A1] The invention essentially concerns a method for starting on an up slope or with a high load. Said method uses a power transmission device (1.1) comprising a traction chain. Said traction chain consists in particular of a heat engine (2), a clutch (3), an electrical machine (4), and wheels (6). The invention is characterized in that while the vehicle is stopped or is running at low speed up a slope, the heat engine (2) is stopped, and when the vehicle is accelerated, the heat engine (2) is started using a starter system (7) mechanically independent of the electrical machine (4).

IPC 8 full level

B60W 10/06 (2006.01); **B60K 6/48** (2007.10); **B60L 50/16** (2019.01); **B60W 10/08** (2006.01); **B60W 20/00** (2006.01)

CPC (source: EP US)

B60K 6/48 (2013.01 - EP US); **B60L 15/2054** (2013.01 - EP US); **B60L 50/16** (2019.01 - EP US); **B60W 10/02** (2013.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 10/08** (2013.01 - EP US); **B60W 20/30** (2013.01 - US); **B60W 30/18027** (2013.01 - EP US); **B60W 30/18118** (2013.01 - EP US); **B60K 2006/268** (2013.01 - EP); **B60L 2240/423** (2013.01 - EP US); **B60L 2240/443** (2013.01 - EP US); **B60L 2240/486** (2013.01 - EP US); **B60L 2240/507** (2013.01 - EP US); **B60L 2240/642** (2013.01 - EP US); **B60W 20/00** (2013.01 - EP); **B60W 2710/083** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US); **Y02T 10/64** (2013.01 - EP US); **Y02T 10/70** (2013.01 - US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 10/72** (2013.01 - EP US); **Y02T 90/16** (2013.01 - EP US); **Y10S 903/903** (2013.01 - EP US)

Citation (search report)

See references of WO 2006092523A1

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)

FR 2882699 A1 20060908; **FR 2882699 B1 20081031**; BR PI0606241 A2 20090613; CN 101132941 A 20080227; CN 101132941 B 20110525; EP 1853470 A1 20071114; JP 2008531389 A 20080814; US 2008195267 A1 20080814; US 7826940 B2 20101102; WO 2006092523 A1 20060908

DOCDB simple family (application)

FR 0550545 A 20050301; BR PI0606241 A 20060224; CN 200680006586 A 20060224; EP 06709533 A 20060224; FR 2006050163 W 20060224; JP 2007557552 A 20060224; US 81767706 A 20060224