

Title (en)  
DEVICE FOR CONTROLLING A HEAT ENGINE STARTER, SUCH AS THAT OF A MOTOR VEHICLE, AND STARTER COMPRISING ONE SUCH DEVICE

Title (de)  
VORRICHTUNG ZUR STEUERUNG EINES WÄRMEKRAFTMASCHINENANLASSERS, WIE ETWA DER EINES KRAFTFAHRZEUGES, UND ANLASSER MIT SOLCH EINER VORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE D'UN DEMARREUR DE MOTEUR THERMIQUE, NOTAMMENT DE VEHICULE AUTOMOBILE ET DEMARREUR COMPORTANT UN TEL DISPOSITIF

Publication  
**EP 1844231 A1 20071017 (FR)**

Application  
**EP 06709205 A 20060131**

Priority  
• FR 2006000210 W 20060131  
• FR 0501055 A 20050202

Abstract (en)  
[origin: FR2881479A1] The device has an electromagnetic switch (700) with delayed action that activates, when a power contact (400) is always closed, a large number of or all the windings (701, 702) of a dynamo field coil in a phase. The electromagnetic switch is open, when the power contact is open, for activating a part of the windings (703, 704) of the dynamo field coil in another phase. An independent claim is also included for a heat engine starter of a motor vehicle equipped with a control device.

IPC 8 full level  
**F02N 11/08** (2006.01)

CPC (source: EP KR US)  
**F02N 11/00** (2013.01 - KR); **F02N 11/08** (2013.01 - KR); **F02N 11/0859** (2013.01 - EP US); **F02N 11/087** (2013.01 - EP US); **F02N 2300/102** (2013.01 - EP US); **Y10T 74/131** (2015.01 - EP US)

Citation (search report)  
See references of WO 2006082306A1

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 2881479 A1 20060804; FR 2881479 B1 20100910**; BR PI0606293 A2 20170919; CN 101111675 A 20080123; CN 101111675 B 20101117; EP 1844231 A1 20071017; EP 1844231 B1 20121024; JP 2008528865 A 20080731; KR 101268674 B1 20130529; KR 20070103018 A 20071022; MX 2007009303 A 20070911; US 2008211235 A1 20080904; US 7804180 B2 20100928; WO 2006082306 A1 20060810

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