

Title (en)

DEVICE FOR CONTROLLING THE POWER SUPPLY OF A STARTER SOLENOID

Title (de)

VORRICHTUNG ZUR STEUERUNG DER STROMVERSORGUNG EINES ANLASSERMAGNETSCHALTERS

Title (fr)

DISPOSITIF DE COMMANDE D'ALIMENTATION ÉLECTRIQUE D'UN SOLENOÏDE DE DÉMARREUR

Publication

EP 3224469 A1 20171004 (FR)

Application

EP 15788166 A 20151012

Priority

- FR 1461473 A 20141126
- FR 2015052736 W 20151012

Abstract (en)

[origin: WO2016083683A1] The invention relates to a device (100) for controlling the power supply of a starter (300) solenoid (200), the input of said device (100) being electrically powered by a voltage source (1). The device (100) comprises a power transistor (16) connected in series with an electromechanical relay (17), and a control signal (7) is supplied at the output of the device (100) when the power transistor (16) and the electromechanical relay (17) switch to an on-state, said signal (7) controlling the power supply of the solenoid (200).

IPC 8 full level

F02N 11/08 (2006.01)

CPC (source: CN EP)

F02N 11/0814 (2013.01 - CN); **F02N 11/087** (2013.01 - CN EP); **F02N 11/101** (2013.01 - CN); **F02N 11/108** (2013.01 - CN); **F02N 15/067** (2013.01 - CN); **H02H 3/05** (2013.01 - CN); **F02N 11/0814** (2013.01 - EP); **F02N 11/101** (2013.01 - EP); **F02N 11/108** (2013.01 - EP); **F02N 15/067** (2013.01 - EP); **F02N 2011/0874** (2013.01 - CN EP); **H02H 3/05** (2013.01 - EP)

Citation (search report)

See references of WO 2016083683A1

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)

FR 3028894 A1 20160527; **FR 3028894 B1 20230310**; CN 107002622 A 20170801; CN 107002622 B 20190329; EP 3224469 A1 20171004; WO 2016083683 A1 20160602

DOCDB simple family (application)

FR 1461473 A 20141126; CN 201580065257 A 20151012; EP 15788166 A 20151012; FR 2015052736 W 20151012