

Title (en)

METHOD FOR CONTROLLING AN ELECTROMAGNETIC VALVE ACTUATOR AND CORRESPONDING CONTROL DEVICE

Title (de)

VERFAHREN ZUR STEUERUNG EINES ELEKTROMAGNETISCHEN AKTUATORS ZUR BETÄTIGUNG EINES ELEKTROMAGNETISCHEN VENTILS UND ENTSPRECHENDE STEUERUNGSVORRICHTUNG

Title (fr)

PROCEDE DE COMMANDE D'UN ACTIONNEUR ELECTROMAGNETIQUE DE SOUPAPE ET DISPOSITIF DE COMMANDE CORRESPONDANT

Publication

EP 2753802 A1 20140716 (FR)

Application

EP 12759167 A 20120828

Priority

- FR 1158052 A 20110909
- FR 2012051941 W 20120828

Abstract (en)

[origin: WO2013034834A1] Method for controlling, upon the starting of an engine, notably of a vehicle, an electromagnetic actuator (1) of at least one valve (3), the actuator comprising at least one coil (5, 6) actuating a vane (4) secured to a push rod (2) of the valve (3), in which method, in order to achieve the phase of opening the valve (3), the coil (5, 6) is powered in order to bring the valve (3) into an intermediate position between the valve being in an open position and the valve being in a closed position when a preset condition is met.

IPC 8 full level

F01L 9/20 (2021.01)

CPC (source: EP)

F01L 9/20 (2021.01); **F01L 2009/408** (2021.01); **F01L 2009/4084** (2021.01)

Citation (search report)

See references of WO 2013034834A1

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

DOCDB simple family (publication)

WO 2013034834 A1 20130314; EP 2753802 A1 20140716; EP 2753802 B1 20150819; FR 2979947 A1 20130315; FR 2979947 B1 20131004

DOCDB simple family (application)

FR 2012051941 W 20120828; EP 12759167 A 20120828; FR 1158052 A 20110909