

Title (en)

Electronic control, control device and method for controlling a multiple spark operation of an internal combustion engine

Title (de)

Regelelektronik, Steuergerät und Verfahren zur Regelung eines Mehrfachfunkenbetriebs einer Verbrennungskraftmaschine

Title (fr)

Commande électronique, dispositif de commande et procédé pour commander une opération d'allumage multiple d'un moteur à combustion interne

Publication

EP 2203640 A1 20100707 (DE)

Application

EP 08804059 A 20080911

Priority

- EP 2008062094 W 20080911
- DE 102007051249 A 20071026

Abstract (en)

[origin: WO2009053162A1] The invention relates to a device for controlling a multiple spark operation of an internal combustion engine, wherein an ignition transformer can be switched off and back on again for delivering or interrupting an ignition spark energy based on at least one current threshold. The invention proposes that the at least one current threshold be programmable.

IPC 8 full level

F02P 3/05 (2006.01); **F02P 15/08** (2006.01); **F02P 9/00** (2006.01); **F02P 15/10** (2006.01)

CPC (source: EP US)

F02P 3/051 (2013.01 - EP US); **F02P 15/08** (2013.01 - EP US); **F02P 9/002** (2013.01 - EP US); **F02P 15/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2009053162A1

Cited by

WO2023025586A1; FR3126455A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007051249 A1 20090430; CN 101835973 A 20100915; CN 101835973 B 20120613; EP 2203640 A1 20100707; EP 2203640 B1 20190123; JP 2011501022 A 20110106; JP 5351895 B2 20131127; KR 101583847 B1 20160108; KR 20100084637 A 20100727; RU 2010120795 A 20111210; RU 2482323 C2 20130520; US 2011270506 A1 20111103; US 9745946 B2 20170829; WO 2009053162 A1 20090430

DOCDB simple family (application)

DE 102007051249 A 20071026; CN 200880113353 A 20080911; EP 08804059 A 20080911; EP 2008062094 W 20080911; JP 2010529318 A 20080911; KR 20107008875 A 20080911; RU 2010120795 A 20080911; US 73991808 A 20080911