

Title (en)
IGNITION SYSTEM AND METHOD FOR OPERATING AN IGNITION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
ZÜNDSYSTEM UND VERFAHREN ZUM BETREIBEN EINES ZÜNDSYSTEMS FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
SYSTÈME D'ALLUMAGE ET PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME D'ALLUMAGE POUR UN MOTEUR À COMBUSTION INTERNE

Publication
EP 3069008 A1 20160921 (DE)

Application
EP 14784261 A 20141016

Priority

- DE 102013223219 A 20131114
- DE 102014216028 A 20140813
- EP 2014072248 W 20141016

Abstract (en)
[origin: WO2015071050A1] Proposed is a method for operating an ignition system (1) for an internal combustion engine, comprising a first voltage generator and a bypass (7). The bypass (7) can comprise, for example, a step-up switching regulator for maintaining a spark produced by the first voltage generator (2). According to the invention an engine speed of an internal combustion engine used with the ignition system (1) is determined (100), and in response to the speed change the mode of operation of the bypass (7) is changed (400).

IPC 8 full level
F02P 3/04 (2006.01); **F02P 5/15** (2006.01); **F02P 9/00** (2006.01); **F02P 15/10** (2006.01)

CPC (source: EP US)
F02P 3/0407 (2013.01 - US); **F02P 3/0442** (2013.01 - EP US); **F02P 5/1502** (2013.01 - EP US); **F02P 5/1514** (2013.01 - US); **F02P 9/0007** (2013.01 - EP US); **F02P 15/10** (2013.01 - EP US); **F02P 5/1516** (2013.01 - EP US); **F02P 2017/121** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US)

Citation (search report)
See references of WO 2015071050A1

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)
WO 2015071050 A1 20150521; CN 105705778 A 20160622; CN 105705778 B 20180427; DE 102014216028 A1 20150521; EP 3069008 A1 20160921; US 10221826 B2 20190305; US 2016356259 A1 20161208

DOCDB simple family (application)
EP 2014072248 W 20141016; CN 201480062605 A 20141016; DE 102014216028 A 20140813; EP 14784261 A 20141016; US 201415032829 A 20141016