

Title (en)

INTERNAL-COMBUSTION ENGINE IGNITION SYSTEM WITH IGNITION CONTROL SIGNAL SUPPRESSION

Title (de)

ZÜNDANLAGE FÜR BRENNKRAFTMASCHINEN MIT ZÜNDSTEUERSIGNALUNTERDRÜCKUNG

Title (fr)

SYSTEME D'ALLUMAGE POUR MOTEURS A COMBUSTION INTERNE AVEC SUPPRESSION DU SIGNAL DE COMMANDE DE L'ALLUMAGE

Publication

EP 0615581 B1 19960911 (DE)

Application

EP 92923329 A 19921113

Priority

- DE 4140416 A 19911207
- DE 9200949 W 19921113

Abstract (en)

[origin: DE4140416A1] Proposed is an internal-combustion engine ignition system with a control device (19), designed to control at least one output stage (Z), and with means for suppressing cut-in sparking. The ignition system includes voltage-controlled switches (181, 18n) connected one to each output (A1 ... An) of the control device (19) and which switch all the outputs (A) of the control device (19) to earth (13) until the voltage (VCC) reaches the value necessary to supply the control device (19).

IPC 1-7

F02P 9/00; **F02P 11/00**

IPC 8 full level

F02P 9/00 (2006.01); **F02P 11/00** (2006.01); **F02P 15/00** (2006.01)

CPC (source: EP US)

F02P 9/002 (2013.01 - EP US); **F02P 11/00** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 4140416 A1 19930609; BR 9206876 A 19951128; DE 59207144 D1 19961017; EP 0615581 A1 19940921; EP 0615581 B1 19960911; JP 3231326 B2 20011119; JP H07501596 A 19950216; KR 100303586 B1 20011122; US 5443055 A 19950822; WO 9312341 A1 19930624

DOCDB simple family (application)

DE 4140416 A 19911207; BR 9206876 A 19921113; DE 59207144 T 19921113; DE 9200949 W 19921113; EP 92923329 A 19921113; JP 51049593 A 19921113; KR 19940701880 A 19940603; US 24467194 A 19940801