

Title (en)  
IGNITION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
ZÜNDANLAGE FÜR BRENNKRAFTMASCHINEN

Title (fr)  
SYSTEME D'ALLUMAGE POUR MOTEURS A COMBUSTION INTERNE

Publication  
**EP 0615582 B1 19960327 (DE)**

Application  
**EP 92923383 A 19921112**

Priority

- DE 4140147 A 19911205
- DE 9200938 W 19921112

Abstract (en)  
[origin: WO9311356A1] The proposal is for an ignition system for internal combustion engines with a monitoring circuit (9) which, on the occurrence of defective ignition, takes suitable emergency measures to protect the catalyst. To this end the ignition system comprises an evaluation device (10) which applies a statistical weighting to the ignition diagnosis signal (ZND OK) and, when a certain threshold of the weighted ignition diagnosis value (ZNTAB) is exceeded, triggers suitable emergency measures, whereby the evaluation is continued so that, when the figures drop below the defect threshold (AFSDZU), correction is recognised and the emergency measures are lifted.

IPC 1-7  
**F02P 17/00**; **F02P 11/06**

IPC 8 full level  
**F02P 11/06** (2006.01); **F02P 17/00** (2006.01); **F02P 17/12** (2006.01)

CPC (source: EP US)  
**F02P 11/06** (2013.01 - EP US); **F02P 17/12** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR IT SE

DOCDB simple family (publication)  
**WO 9311356 A1 19930610**; DE 4140147 A1 19930609; DE 59205878 D1 19960502; EP 0615582 A1 19940921; EP 0615582 B1 19960327; ES 2085654 T3 19960601; JP 3231324 B2 20011119; JP H07501594 A 19950216; US 5490489 A 19960213

DOCDB simple family (application)  
**DE 9200938 W 19921112**; DE 4140147 A 19911205; DE 59205878 T 19921112; EP 92923383 A 19921112; ES 92923383 T 19921112; JP 50968493 A 19921112; US 24464594 A 19940606