

Title (en)  
IGNITION CONTROL DEVICE AND METHOD

Title (de)  
ZÜNDSTEUERVORRICHTUNG UND -VERFAHREN

Title (fr)  
DISPOSITIF ET PROCEDE DE COMMANDE D'ALLUMAGE

Publication  
**EP 1155236 B1 20030827 (DE)**

Application  
**EP 99957963 A 19991110**

Priority  
• DE 9903568 W 19991110  
• DE 19906391 A 19990216

Abstract (en)  
[origin: DE19906391A1] An RPM-detector records an IC engine RPM at a recording time point within a cylinder's ignition cycle. A specifying device defines a preset advance angle corresponding to the detected RPM, also a preset charging time corresponding to the detected RPM and a corresponding charging start angle. An ignition control value output device passes to the ignition coil the charging start angle, a charging time in a charging-time output mode and the advance angle in an advance angle output mode.

IPC 1-7  
**F02P 3/05**; **F02P 7/077**

IPC 8 full level  
**F02P 3/05** (2006.01); **F02P 7/077** (2006.01)

CPC (source: EP KR US)  
**F02P 3/053** (2013.01 - EP US); **F02P 5/04** (2013.01 - KR); **F02P 7/0775** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**DE 19906391 A1 20000817**; BR 9917105 A 20011127; BR 9917105 B1 20130813; CN 1229574 C 20051130; CN 1334901 A 20020206; DE 59906805 D1 20031002; EP 1155236 A1 20011121; EP 1155236 B1 20030827; JP 2002537518 A 20021105; KR 100669001 B1 20070117; KR 20010102172 A 20011115; RU 2001124832 A 20030527; US 6571783 B1 20030603; WO 0049289 A1 20000824

DOCDB simple family (application)  
**DE 19906391 A 19990216**; BR 9917105 A 19991110; CN 99815991 A 19991110; DE 59906805 T 19991110; DE 9903568 W 19991110; EP 99957963 A 19991110; JP 2000600000 A 19991110; KR 20017010372 A 20010816; RU 2001124832 A 19991110; US 91379801 A 20011210