

Title (en)  
IGNITION CONTROL DEVICE AND METHOD

Title (de)  
ZÜNDSTEUERVORRICHTUNG UND -VERFAHREN

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

Publication  
**EP 1155236 A1 20011121 (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)

Citation (search report)  
See references of WO 0049289A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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