

Title (en)  
IGNITION COIL ARRANGEMENT FOR A MULTI-CYLINDER INTERNAL COMBUSTION ENGINE

Title (de)  
ZÜNDSPULENANORDNUNG FÜR MEHRZYLINDER-BRENNKRAFTMASCHINEN

Title (fr)  
SYSTEME DE BOBINE D'ALLUMAGE POUR MOTEUR A COMBUSTION INTERNE MULTICYLINDRE

Publication  
**EP 0792511 A1 19970903 (DE)**

Application  
**EP 96906698 A 19960323**

Priority  
• DE 9600500 W 19960323  
• DE 19526867 A 19950722

Abstract (en)  
[origin: US5806505A] PCT No. PCT/DE96/00500 Sec. 371 Date Feb. 18, 1997 Sec. 102(e) Date Feb. 18, 1997 PCT Filed Mar. 23, 1996 PCT Pub. No. WO97/04470 PCT Pub. Date Feb. 6, 1997An ignition coil arrangement for a multicylinder internal combustion engine comprising at least one coil unit, which is able to be simply installed even under restricted spatial conditions. To this end, the coil unit, which contains a primary winding and a secondary winding attached to two spark plugs, is designed with the windings as a divided and mechanically separated coil unit. One primary partial winding and an associated secondary partial winding are each combined to form partial winding, which are electrically connected in series via a primary connector lead or a secondary connector lead (26), and are jointly driven by way of a contact element. The ignition coil arrangement is used, in particular, in motor vehicles.

IPC 1-7  
**H01F 38/12**; **F02P 13/00**

IPC 8 full level  
**F02P 15/00** (2006.01); **F02P 13/00** (2006.01); **F02P 15/08** (2006.01); **H01F 38/12** (2006.01)

CPC (source: EP US)  
**F02P 13/00** (2013.01 - EP US); **F02P 15/08** (2013.01 - EP US); **H01F 38/12** (2013.01 - EP US); **H01F 2038/122** (2013.01 - EP US)

Citation (search report)  
See references of WO 9704470A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**US 5806505 A 19980915**; AU 5001296 A 19970218; AU 699100 B2 19981119; BR 9606570 A 19971021; CN 1158181 A 19970827; DE 19526867 A1 19970123; DE 59603281 D1 19991111; EP 0792511 A1 19970903; EP 0792511 B1 19991006; JP H10506761 A 19980630; WO 9704470 A1 19970206

DOCDB simple family (application)  
**US 77668497 A 19970218**; AU 5001296 A 19960323; BR 9606570 A 19960303; CN 96190764 A 19960323; DE 19526867 A 19950722; DE 59603281 T 19960323; DE 9600500 W 19960323; EP 96906698 A 19960323; JP 50613197 A 19960323