

Title (en)
Rod ignition coil

Title (de)
Stabzündspule

Title (fr)
Bobine d'allumage tige

Publication
EP 1564763 A3 20071003 (DE)

Application
EP 04106153 A 20041129

Priority
DE 102004006705 A 20040211

Abstract (en)
[origin: EP1564763A2] A rod-type ignition coil has a coil body (10) and a cylindrical casing wall (12). A contact element (CE) (18) with a flexible cushioning element (FCE) (20) fits on the high-voltage side so as to retain a connecting screw (14) on a spark plug (16). The FCE fits in a recess (22) in the CE in direct contact with the spark plug connecting screw.

IPC 8 full level
F02P 15/00 (2006.01); **H01F 38/12** (2006.01); **F02P 3/02** (2006.01); **F02P 13/00** (2006.01); **H01T 13/44** (2006.01); **H01F 27/02** (2006.01)

CPC (source: EP)
F02P 3/02 (2013.01); **H01F 38/12** (2013.01); **H01T 13/44** (2013.01); **H01F 27/022** (2013.01); **H01F 2038/122** (2013.01)

Citation (search report)

- [X] EP 0652366 A2 19950510 - CHRYSLER CORP [US]
- [X] DE 19623399 A1 19980102 - BREMICKER AUTO ELEKTRIK [DE]
- [XA] JP 2002081360 A 20020322 - NGK SPARK PLUG CO
- [X] DE 10104894 A1 20010809 - DIAMOND ELECTRIC MFG [JP]
- [PX] WO 2004085837 A1 20041007 - AUDI AG [DE], et al
- [A] DE 19931979 A1 20010118 - AUDI AG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK YU

DOCDB simple family (publication)
EP 1564763 A2 20050817; EP 1564763 A3 20071003; DE 102004006705 A1 20050825; JP 2005229120 A 20050825

DOCDB simple family (application)
EP 04106153 A 20041129; DE 102004006705 A 20040211; JP 2005035115 A 20050210