Title (en)

IGNITION COIL

Publication

EP 0412679 B1 19921007 (EN)

Application

EP 90308121 A 19900725

Priority

US 39182089 A 19890810

Abstract (en)

[origin: EP0412679A1] An ignition coil for developing a spark plug firing voltage. The ignition coil is comprised of first and second parts (12,14) that are formed of iron particles in a binder of electrical insulating material which define axially spaced end wall portions (12D,14D). The parts are connected by a core member (16) that is formed of magnetic material. A primary winding (18) is disposed about the core member and a secondary winding (22) is disposed about the primary winding. An axially extending part (12B,14B) that is formed of magnetic material is located outside of the secondary winding and magnetically connects the end wall portions.

IPC 1-7

H01F 27/255; H01F 31/00

IPC 8 full level

H01F 27/255 (2006.01); **H01F 38/12** (2006.01)

CPC (source: EP KR)

F02P 3/02 (2013.01 - KR); **H01F 27/255** (2013.01 - EP); **H01F 27/28** (2013.01 - KR); **H01F 38/12** (2013.01 - EP)

Cited by

JP2020526940A

Designated contracting state (EPC)

DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0412679 A1 19910213; **EP 0412679 B1 19921007**; AU 5985590 A 19910214; AU 609663 B2 19910502; BR 9003929 A 19910903; CA 2012485 A1 19910210; CN 1020782 C 19930519; CN 1049394 A 19910220; DE 69000381 D1 19921112; DE 69000381 T2 19930211; ES 2035710 T3 19930416; JP H0388310 A 19910412; JP H0821508 B2 19960304; KR 920004717 A 19920328; KR 950015008 B1 19951221

DOCDB simple family (application)

EP 90308121 A 19900725; AU 5985590 A 19900725; BR 9003929 A 19900809; CA 2012485 A 19900319; CN 90106985 A 19900810; DE 69000381 T 19900725; ES 90308121 T 19900725; JP 21361590 A 19900810; KR 900012230 A 19900809