

Title (en)

Ignition system for the engine of a motor vehicle

Title (de)

Zündsystem für eine fahrzeugantreibende Brennkraftmaschine

Title (fr)

Système d'allumage pour moteur de véhicule automobile

Publication

EP 1046814 B1 20040714 (FR)

Application

EP 00401080 A 20000418

Priority

FR 9904895 A 19990419

Abstract (en)

[origin: EP1046814A1] Ignition reel has two distinct reels (6, 7) with no magnetic coupling, with secondary windings (8, 9) coupled to spark plug with diodes (10, 11); and with primary windings (12, 13) are attached to controls (14, 15). During first working phase for build up arc between electrodes of spark plug, controls allow simultaneous supply to reels to reach peak arc voltage between electrode During second working phase, controls supply electrodes alternatively for maintaining arc.

IPC 1-7

F02P 9/00; **F02P 3/045**; **F02P 3/05**

IPC 8 full level

F02P 3/045 (2006.01); **F02P 3/05** (2006.01); **F02P 9/00** (2006.01)

CPC (source: EP)

F02P 3/0453 (2013.01); **F02P 3/051** (2013.01); **F02P 9/002** (2013.01); **F02P 15/10** (2013.01)

Cited by

US2012013262A1; EP2325476A1; DE10231511A1; US10683829B2

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)

EP 1046814 A1 20001025; **EP 1046814 B1 20040714**; AT E271188 T1 20040715; DE 60012073 D1 20040819; DE 60012073 T2 20050915; FR 2792373 A1 20001020

DOCDB simple family (application)

EP 00401080 A 20000418; AT 00401080 T 20000418; DE 60012073 T 20000418; FR 9904895 A 19990419