

Title (en)

Ignition coil for ignition systems of internal combustion engines

Title (de)

Zündspule für Zündanlagen von Brennkraftmaschinen

Title (fr)

Bobine d'allumage pour systèmes d'allumage de moteurs à combustion interne

Publication

**EP 0878810 A3 19990407 (DE)**

Application

**EP 98108659 A 19980513**

Priority

DE 19720334 A 19970515

Abstract (en)

[origin: EP0878810A2] The ignition coil has a primary coil (3) that is positioned within a secondary coil (4), encased within an insulating layer (8). The coil assemblies are located within a pair of core elements (10a,10b). The outer sections have air gaps (17) between the insulation and the outer limbs and within this is a foil of an organic polymer matrix containing a ferrite magnetic filler.

IPC 1-7

**H01F 38/12**; **H01F 27/32**

IPC 8 full level

**H01F 27/32** (2006.01); **H01F 38/12** (2006.01)

CPC (source: EP)

**H01F 27/324** (2013.01); **H01F 38/12** (2013.01)

Citation (search report)

- [A] DE 19516448 A1 19961107 - SIEMENS MATSUSHITA COMPONENTS [DE]
- [A] FR 2287761 A1 19760507 - BOSCH GMBH ROBERT [DE]
- [A] EP 0283354 A1 19880921 - MARCHAL EQUIP AUTO [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 144 (E - 183) 23 June 1983 (1983-06-23)
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 239 (E - 276) 2 November 1984 (1984-11-02)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 056 (E - 302) 12 March 1985 (1985-03-12)

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