

Title (en)

Bobbin for secondary winding of ignition coil for internal combustion engine.

Title (de)

Spulenkörper für Sekundarwicklung einer Zündspule für Brennkraftmaschine.

Title (fr)

Bobinot d'enroulement secondaire de bobine d'allumage pour moteur à combustion interne.

Publication

EP 0609109 A1 19940803 (FR)

Application

EP 94400034 A 19940106

Priority

FR 9300857 A 19930128

Abstract (en)

Bobbin for secondary winding of ignition coil for internal combustion engine, of the type comprising a tubular winding core (2) and a plurality of fins (5) which are substantially perpendicular to the axis (3) of the core, the fins defining annular winding compartments (6) between them, of which the core forms the bottom (8) and each including a passage (9) in order to allow the wire of the secondary winding to pass, in the direction of the winding, from the compartment situated upstream of this fin to the compartment situated downstream, characterised in that the said core has a shape such that the said passage opens out into the compartment upstream at a certain distance (e) from the said core and into the compartment downstream at the level of the said core. <IMAGE>

Abstract (fr)

Bobinot d'enroulement secondaire de bobine d'allumage pour moteur à combustion interne, du type comprenant un noyau tubulaire (2) d'enroulement et une pluralité d'ailettes (5) sensiblement perpendiculaires à l'axe (3) du noyau, les ailettes délimitant entre elles des compartiments annulaires (6) d'enroulement dont le noyau forme le fond (8), et comportant chacune un passage (9) pour permettre au fil de l'enroulement secondaire de passer, dans le sens de l'enroulement, du compartiment situé en amont de cette ailette au compartiment situé en aval, caractérisé par le fait que ledit noyau possède une forme telle que ledit passage débouche dans le compartiment amont à une certaine distance (e) dudit noyau et dans le compartiment aval au niveau dudit noyau. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

H01F 5/02 (2013.01 - EP US); **H01F 38/12** (2013.01 - EP US); **H01F 2005/022** (2013.01 - EP US)

Citation (search report)

- [A] EP 0320018 A1 19890614 - VOGT ELECTRONIC AG [DE]
- [A] GB 2171562 A 19860828 - BOSCH GMBH ROBERT
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 81 (E - 238)<1518> 13 April 1984 (1984-04-13)
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 131 (E - 251)<1568> 19 June 1984 (1984-06-19)

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EP2725590A1; FR3140705A1; WO2014063991A1; WO2024074719A1

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