

Title (en)

ELECTRICAL CONTACTING OF THIN ENAMELED WIRES OF SECONDARY WINDINGS OF IGNITION COILS

Title (de)

ELEKTRISCHE KONTAKTIERUNG DÜNNER LACKDRÄHTE VON SEKUNDÄRWICKLUNGEN VON ZÜNDSPULEN

Title (fr)

MISE EN CONTACT ELECTRIQUE DE FILS LAQUES FINS D'ENROULEMENTS SECONDAIRES DE BOBINES D'ALLUMAGE

Publication

EP 1563519 A1 20050817 (DE)

Application

EP 03761368 A 20030703

Priority

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- DE 10251840 A 20021107

Abstract (en)

[origin: WO2004042748A1] The invention relates to a connection arrangement for the production of an ignition coil which should replace current contacting methods for connecting thin enameled wires in ignition coils, for example, thermal methods. According to the invention, a contact bushing (26) is provided on the side of the high voltage output (H), which are raised in a contactless manner over a corresponding secondary winding for assembly and then snapped as a result of the springlike configuration or mounting. Thus, the elements which are provided in the contact bushing (26) pierce an insulating layer surrounding the secondary winding, thereby producing an electrical connection without having to use thermal methods.

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CPC (source: EP US)

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Citation (search report)

See references of WO 2004042748A1

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