

Title (en)
METHOD FOR BONDING AN ELECTRIC WINDING WITH A MAGNETIC CORE

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Application
EP 92117265 A 19921009

Priority
DE 4139541 A 19911130

Abstract (en)
[origin: EP0545033A2] The invention relates to a method for connecting at least one electrical winding (14, 16) to an iron core (12), especially of ignition coils, by means of an adhesive which can be cured by heat. It is proposed that the windings (14, 16) and core (12) be subjected to a high-frequency alternating field, in such a manner that the winding (14, 16) and the core (12) are heated. This results in the unit (10) of the winding formers (14, 16) and the core (12) being rapidly and uniformly heated, as a result of which mechanical stresses are avoided and better adhesion can be achieved. <IMAGE>

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H01F 41/02

IPC 8 full level
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CPC (source: EP)
H01F 41/02 (2013.01)

Citation (search report)
• [A] DE 2838727 A1 19800320 - BOSCH GMBH ROBERT
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 121 (E-732)24. März 1989 & JP-A-63 290 145 (NIPPON DENSO) 28. November 1988
• [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 154 (E-508)19. Mai 1987 & JP-A-61 292 907 (TOSHIBA) 23. Dezember 1986

Cited by
DE102013003612A1; US7147742B2; US7407704B2; US6855760B1

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DE ES FR GB IT

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EP 0545033 A2 19930609; EP 0545033 A3 19931027; EP 0545033 B1 19970115; DE 4139541 A1 19930603; DE 59207892 D1 19970227; ES 2097253 T3 19970401

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