

Title (en)

IGNITION COIL FOR IGNITION SYSTEMS OF INTERNAL COMBUSTION ENGINES

Title (de)

ZÜNDSPULE FÜR ZÜNDANLAGEN VON BRENNKRAFTMASCHINEN

Title (fr)

BOBINE D'ALLUMAGE POUR SYSTEMES D'ALLUMAGE DE MOTEURS A COMBUSTION INTERNE

Publication

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Application

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Priority

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- DE 9113753 U 19911105

Abstract (en)

[origin: WO9309345A1] In ignition coils (11) with a secondary connector section (17) moulded on their casings (13) which transmits the high tension to the sparking plug (18) and consists of a fixed connection dome (19) and a sparking plug connector (21) movably connected thereto, attention must be paid to the correct position of the sparking plug connector (21) on the sparking plug (21) when fitting the ignition coil (11) on the cylinder head (12). To this end the sparking plug connector (21) has an annular collar (33) on its outer wall by means of which a centring sleeve (34) is interlocked. The centring sleeve (34) is frictionally and positively secured on the sparking plug connector (21) by a radial broadening of the annular collar (33). The outer shape of the centring sleeve (34) is matched to the inner shape of a plug recess (20) in the cylinder head (12) accepting the sparking plug (18), taking into consideration a certain movement play, so that the ignition coil (11) with the sparking plug connector (21) so supplemented can be properly guided and fitted on the sparking plug (18).

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F02P 13/00; H01T 13/44

IPC 8 full level

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