

Title (en)  
ROD COIL FOR IGNITION SYSTEMS

Title (de)  
STABSPULE FÜR ZÜNDANLAGEN

Title (fr)  
BOBINE A BARREAU POUR SYSTEME D'ALLUMAGE

Publication  
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Application  
**EP 02782736 A 20021021**

Priority  
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Abstract (en)  
[origin: WO03038959A1] The invention relates to a rod coil (11) for ignition systems, said rod coil being especially used as an ignition coil in internal combustion engines of motor vehicles. The aim of the invention is to produce one such rod coil in such a way that it is permanently functionally reliable. The inventive rod coil (11) comprises a core (14), in its centre, which is embodied as an inner magnetic iron core, and a return tube (18) which is embodied as an outer magnetic iron core and is positioned on a plastic housing (13). A filler (22) is applied between the return tube (18) and the housing (13) in order to avoid partial discharges during the operation of the rod coil (11), in such a way that an intimate continuous structure is formed between the return tube (18) and the housing (13).

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