

Title (en)  
STATOR FOR AN ELECTRICAL MACHINE HAVING AN INTERCONNECTION DEVICE FOR STATOR COILS, AND ELECTRICAL MACHINE HAVING SUCH A STATOR

Title (de)  
STATOR EINER ELEKTRISCHEN MASCHINE MIT EINER VERSCHALTUNGSEINRICHTUNG FÜR STATORSPULEN UND ELEKTRISCHE MASCHINE MIT EINEM DERARTIGEN STATOR

Title (fr)  
STATOR D'UNE MACHINE ÉLECTRIQUE COMPORTANT UN DISPOSITIF DE CÂBLAGE POUR BOBINES DE STATOR ET MACHINE ÉLECTRIQUE COMPORTANT UN TEL STATOR

Publication  
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Application  
**EP 17719599 A 20170427**

Priority  
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• EP 2017060005 W 20170427

Abstract (en)  
[origin: WO2017207183A1] A stator (16) for an electrical machine (10) is described, comprising an annular laminated stator core (26) on which a number of stator coils (36) with coil ends (36 a, b) is arranged by means of winding bodies (40, 42), which stator coils are interconnected by an interconnection device (38) arranged on the end of the laminated stator core (26). The interconnection device (38) is fixed with respect to the stator coils (36) by means of a support element (38a) and has a plurality of connecting conductors (52, 54, 56) which are arranged coaxially to each other, are electrically insulated from each other by means of a plurality of insulating layers (58) and are supported by the support element (38a). Provided on the connecting conductors (52-56) are coil connection regions (52a-56a) for the coil ends (36a, b) and power connection regions (52c-56c) for supplying power to the electrical machine (10). The support element (38a) of the stator (16) is formed by one of the connecting conductors (52, 54, 56) and/or by a disc-shaped insulating layer (58), and the further connecting conductors (52, 54, 56) and the further insulating layers (58) are fixed to the support element (38a).

IPC 8 full level  
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