

Title (en)
STATOR AND METHOD FOR PRODUCING A STATOR

Title (de)
STATOR UND VERFAHREN ZUR HERSTELLUNG EINES STATORS

Title (fr)
STATOR ET PROCÉDÉ DE PRODUCTION D'UN STATOR

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Application
EP 21827592 A 20211209

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Abstract (en)
[origin: WO2022161565A1] The invention relates to a stator (1) for an electric machine, having a winding (2) comprising a plurality of interconnected conductors (3) which are assigned to one or more phases, wherein: ends of at least some of the conductors (3) project axially or radially beyond the winding (2); an interconnection ring (28) having at least one support ring (7) on which at least one bus bar (29) is arranged is axially placed onto the winding (2), and the support ring (7) is formed from a plastic and has concentrically extending annular grooves (4) in each of which at least one bus bar (29) is arranged; at least one end of a conductor (3) is connected to a bus bar (29); at least one bus bar (29) arranged in an annular groove (4) is captively held in the annular groove (4) by means of a bus bar securing element (5) which overlaps at least portions of the annular groove (4) in the radial direction; and the bus bar securing element (5) was shaped by plastic deformation of a staking element (6) which is formed integrally, in the axial direction from the support ring (7) between two adjacent annular grooves (4), with the support ring (7).

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