

Title (en)
STATOR OF AN ELECTRIC MACHINE

Title (de)
STATOR EINER ELEKTRISCHEN MASCHINE

Title (fr)
STATOR D'UNE MACHINE ÉLECTRIQUE

Publication
EP 4173120 A1 20230503 (DE)

Application
EP 21733767 A 20210614

Priority
• DE 102020207804 A 20200624
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• EP 2021065887 W 20210614

Abstract (en)
[origin: WO2021259683A1] Described is a stator of an electric machine (1) comprising a stator body (5), more particularly stator laminated core, having a stator axis (4), and comprising an electrical plug-in winding (6) which extends through grooves (10) of the stator (2), comprises a plurality of phases and is formed from a plurality of conductor elements (7), wherein conductor elements (7) of the plurality of conductor elements (7) are provided, the conductor ends (8) of which project out of the grooves (10) at least at an end face (11) of the stator (2) and form a winding overhang (9), and comprising, provided on the winding overhang (9), an electrical terminal device (3) which has several busbars (15) for electrical connection to the plug-in winding (6) and by means of which the phases of the plug-in winding (6) can be connected to an external electrical power supply (16), characterised in that the busbars (15) each have at least one through opening (17) for introducing the respective conductor end (8) of at least one of the conductor elements (7) of one of the phases.

IPC 8 full level
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H02K 3/50 (2013.01 - EP US); **H02K 3/12** (2013.01 - EP); **H02K 5/225** (2013.01 - EP); **H02K 2203/09** (2013.01 - EP US)

Citation (search report)
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