

Title (en)
ELECTRIC MACHINE

Title (de)
ROTOR EINER ELEKTRISCHE MASCHINE

Title (fr)
MACHINE ÉLECTRIQUE

Publication
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Application
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Priority

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Abstract (en)
[origin: WO2010023106A2] The invention relates to a synchronous machine with hybrid energisation, in particular a generator for supplying the electrical system of a motor vehicle, comprising a laminated stator (16) with a multi-phase stator winding (18) and a laminated rotor (20) with an energiser winding (29), which together with permanent magnets (24,25) around the rotor periphery, provides the energisation for the machine. According to the invention, favorable electrical and magnetic properties and an improvement in manufacturing conditions of the machine can be achieved, wherein the grooves (40) for the energiser windings (29) are disproportionately enlarged in relation to the groove base (44) and are preferably bell-shaped.

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- JP 2002165392 A 20020607 - ASMO CO LTD

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