

Title (en)
ROTOR OF AN ELECTRIC MACHINE

Title (de)
ROTOR EINER ELEKTRISCHEN MASCHINE

Title (fr)
ROTOR DE MACHINE ÉLECTRIQUE

Publication
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Application
EP 10771660 A 20101019

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Abstract (en)
[origin: WO2011057703A1] The invention relates to a rotor (1) of an electric machine, which is formed from individual segments (2), wherein each individual segment (2) comprises a first part (4), which in the assembled state is in contact with a second corresponding part (5) of the adjacent individual segment. The first part (4) of the individual segment and the second corresponding part (5) of the adjacent individual segment are designed such that a positive engagement between the first part (4) and the second part (5) is produced in the radial direction and in the circumferential direction. By means of the positive engagement in the radial direction and in the circumferential direction, a self-supporting annular structure of the assembled rotor (1) is formed. No further fastenings or holding devices are therefore required for joining all the individual segments (2) to form a ring.

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