

Title (en)
ROTOR FOR A GENERATOR

Title (de)
ROTOR FÜR EINEN GENERATOR

Title (fr)
ROTOR POUR GÉNÉRATEUR

Publication
EP 2162969 A2 20100317 (DE)

Application
EP 08774242 A 20080624

Priority
• EP 2008057990 W 20080624
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Abstract (en)
[origin: WO2009003869A2] Disclosed is a rotor (10) for a generator, comprising a cylindrical rotor member (11) with axial winding grooves (12) which are arranged so as to be distributed along the circumference and inside which conductor elements (14) are disposed that extend in an axial direction. A cooling medium is fed to the conductor elements (14) along the axis at periodic intervals from a bottom groove (13) located on the bottom of the winding groove (12). Undulate springs (17) are provided below the conductor elements (14). Said undulate springs (17) each press the conductor elements (14) of a winding groove (12) against a groove wedge (19) that closes the winding groove (12) at the top. In order to obtain an adequate spring force in such a rotor, the undulate springs (17) are placed on the bottom of the bottom groove (13), and the spring force thereof acts upon the superimposed conductor elements (14) via an axial profiled section (16) located inside the bottom groove (13).

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