

Title (en)
ELECTRICAL MACHINE

Title (de)
ELEKTRISCHE MASCHINE

Title (fr)
MACHINE ÉLECTRIQUE

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Application
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Abstract (en)
[origin: WO2021037906A1] The invention relates to an electrical machine, which is or can be cooled by means of a fluid, comprising a rotor (11), a stator (12) and at least one end disk (13), which are arranged in a housing (14), wherein: the end disk (13) and the rotor (11) are arranged on a shaft (15), in particularly hollow shaft, and the end disk (13) is arranged on at least one axial end of the rotor (11); at least one first fluid region (16) is formed between a first end face of the end disk (13) and an axial end of the rotor (11) and a second fluid region (17) is formed between a second end face of the end disk (13) and the housing (14); the two fluid regions (16, 17) have at least one outer fluid connection (18) and at least one inner fluid connection (19), which each interconnect the two fluid regions (16, 17) in such a way that the fluid can circulate between the first and the second fluid region (16, 17) at least in some parts.

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