

Title (en)

COOLING CHAMBER FOR ROTATING ELECTRICAL MACHINE

Title (de)

KÜHLKAMMER FÜR ELEKTRISCHE DREHMASCHINE

Title (fr)

CHAMBRE DE REFROIDISSEMENT POUR MACHINE ÉLECTRIQUE TOURNANTE

Publication

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Application

EP 21700311 A 20210115

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Abstract (en)

[origin: WO2021156039A1] The invention relates to a rotating electrical machine (10), comprising: - a rotor (12) rotatable about an axis (X), - a stator (15) disposed around the rotor (12), and - a cooling chamber (40) disposed radially around the stator (12) and defined between a radially inner wall (70) and a radially outer wall (71), liquid circulating in this chamber (40) between a liquid inlet (61) in the chamber and a liquid outlet (62) in the chamber, this liquid inlet (61) and this liquid outlet (62) being angularly offset with respect to the axis of rotation of the rotor, at least one of the radially inner wall (70) and the radially outer wall (71) having at least one raised pattern (73, 74) protruding radially into the cooling chamber (40) in the direction of the other one of the radially inner wall (70) and the radially outer wall (71), without reaching this other wall.

IPC 8 full level

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