

Title (en)

METHOD FOR COOLING AN ALTERNATING CURRENT MOTOR, NOTABLY A TRANSVERSE FLUX MOTOR AND ALTERNATING CURRENT MOTOR, IN PARTICULAR A TRANSVERSE FLUX MOTOR

Title (de)

VERFAHREN ZUR KÜHLUNG EINER WECHSELSTROMMASCHINE, INSBESONDERE TRANSVERSALFLUSSMASCHINE UND WECHSELSTROMMASCHINE, INSBESONDERE TRANSVERSALFLUSSMASCHINE

Title (fr)

PROCEDE POUR REFROIDIR UN MOTEUR A COURANT ALTERNATIF, NOTAMMENT MOTEUR A FLUX TRANSVERSAL ET MOTEUR A COURANT ALTERNATIF, NOTAMMENT MOTEUR A FLUX TRANSVERSAL

Publication

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Application

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Abstract (en)

[origin: WO9825331A1] The invention relates to a method for cooling an alternating current motor comprising a rotor and stator which together form at least one internal radial or external radial space. By this method, at least a partial area of the stator is cooled and, in addition, the alternating current motor is partly filled with coolant in such a way that, if the motor is not operating and is in the mounting position, a pool of coolant forms, the level of which settles at least below the axis of symmetry of the alternating current motor. When the alternating current motor is operating, the coolant is atomized by the rotation of the rotor.

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