

Title (en)

REGULATOR WITH A COOLING BODY FOR AN ELECTRIC MACHINE

Title (de)

REGLER MIT KÜHLKÖRPER FÜR EINE ELEKTROMASCHINE

Title (fr)

RÉGULATEUR COMPORTANT UN CORPS DE REFROIDISSEMENT DESTINÉ À UNE MACHINE ÉLECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2007122263A1] The invention relates to a cooling body (2) for the regulator of an electric machine, in particular for a voltage regulator of an DC generator on a vehicle, comprising a heat exchange surface (4) on which a cooling airflow (K) impinges during operation of the electric machine, with an intake region (6), in which the cooling airflow (K) impinges on the heat exchange surface (4) and an exhaust region (8), where the cooling airflow leaves the heat exchange surface. According to the invention, the heat exchange surface (4) has a different embodiment in the intake region (6) and in the exhaust region (8) with a differing flow pattern for the cooling airflow (K).

IPC 8 full level

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