

Title (en)

COOLING ELEMENT FOR AN ELECTRIC MOTOR, ELECTRIC MOTOR AND METHOD FOR COOLING THE MOTOR

Title (de)

KÜHLKÖRPER FÜR EINEN ELEKTRISCHEN MOTOR, ELEKTRISCHER MOTOR UND VERFAHREN ZUM KÜHLEN DES MOTORS

Title (fr)

DISSIPATEUR THERMIQUE POUR MOTEUR ÉLECTRIQUE, MOTEUR ÉLECTRIQUE ET PROCÉDÉ DE REFROIDISSEMENT DU MOTEUR

Publication

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Application

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Abstract (en)

[origin: WO2020057699A1] The invention relates to a cooling element for an electric motor, particularly for a wheel hub drive, having a channel, which connects a first connection of the cooling element and a second connection of the cooling element, wherein the channel winds in a spiral around the cooling element. According to the invention, such a cooling element allows a flow state of coolant within the channel to be generated in which secondary turbulences are formed and the cooling performance is significantly improved.

IPC 8 full level

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