

Title (en)

COOLING-OPTIMISED HOUSING OF A MACHINE

Title (de)

KÜHLOPTIMIERTES GEHÄUSE EINER MASCHINE

Title (fr)

BOÎTIER D'UNE MACHINE OPTIMISÉ POUR REFROIDISSEMENT

Publication

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Application

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Abstract (en)

[origin: WO2019197158A1] The invention relates to a method for producing a cooling structure over a surface of a housing (1) of a dynamo-electric rotational machine (M, MG). By means of an additive production method, at least one material is applied layer-by-layer to the surface of the housing (1), leaving out at least one predefined region. As a result of the application of material, at least two elevations (4, 41, 42, 43, 6) are formed, wherein a cooling channel (3, 31) is formed by leaving out a predefined region. The elevations are formed in such a way that a cooling channel is formed at least between two elevations. The invention also relates to a cooling structure (K) produced in such a way, to a housing (1) and to a dynamo-electric machine (M, MG).

IPC 8 full level

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