

Title (en)

COOLING HOUSING FOR AN ELECTRIC MACHINE AND PRODUCTION METHOD THEREFOR

Title (de)

KÜHLGEHÄUSE FÜR EINE ELEKTRISCHE MASCHINE UND HERSTELLUNGSVERFAHREN FÜR EIN SOLCHES

Title (fr)

BOÎTIER DE REFROIDISSEMENT POUR MACHINE ÉLECTRIQUE ET PROCÉDÉ DE FABRICATION

Publication

**EP 3369159 A1 20180905 (DE)**

Application

**EP 16781464 A 20161014**

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Abstract (en)

[origin: WO2017071970A1] The invention relates to a cooling housing for an electric machine, comprising a main body (2) for accommodating the electric machine (10), wherein at the main body (2) has a recess (24) on the outer surface (21) of the main body (2), which recess (24) expands in the peripheral direction of the main body (2), and a bent lateral element (3) that is mechanically coupled to the main body (2). The bent lateral element (3) has a first front face (32), a second front face (33) that is spaced apart from the first front face (32) by a lateral surface (31) of the lateral element (3), and a gap (34) running along a connection line extending on the lateral surface (31) between the first front face (32) and the second front face (33) of the lateral element (3), and that is fixed by way of a first connection edge (340) and a second connection edge (341) located opposite the first connection edge (340). The first connection edge (340) and the second connection edge (341) of the lateral element (3) are fluid-tightly coupled to each other and/or to the main body (2), whereas the lateral element (3) covers the recess (24) in the main body (2) and rests against the main body (2).

IPC 8 full level

**H02K 5/20** (2006.01)

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