Title (en)

CYLINDER HOUSING COOLING STRUCTURE

Title (de)

KÜHLUNGSSTRUKTUR FÜR EIN ZYLINDERGEHÄUSE

Title (fr)

STRUCTURE DE REFROIDISSEMENT D'UN CARTER CYLINDRE

Publication

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Application

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Abstract (en)

[origin: WO2007138206A1] The invention proposes a cylinder housing structure (10) of an internal combustion engine, for the circulation of a liquid coolant, the liquid circulating via a supply channel (16) from an initial water chamber (24), longitudinally encompassing an initial side of the cylinder walls (14), and from a discharge pipe (18). According to the invention, the initial water chamber (24) of the cylinder housing (10) includes an upper section (26) intended for the circulation of fluid along the length of each cylinder in the direction of the upper section of the housing, and a lower section (22) allowing a longitudinal circulation of fluid in the lower part of the cylinder housing (10), both parts (22 and 26) being inter-connected by principal orifices (28) allowing the distribution of fluid from the lower section (22) to the upper section (26).

IPC 8 full level

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