

Title (en)

LIQUID COOLED INTERNAL COMBUSTION ENGINE

Title (de)

FLÜSSIGKEITSGEKÜHLTE BRENNKRAFTMASCHINE

Title (fr)

MOTEUR A COMBUSTION INTERNE A REFROIDISSEMENT LIQUIDE

Publication

**EP 1190165 B1 20050209 (DE)**

Application

**EP 00943910 A 20000627**

Priority

- DE 19930206 A 19990630
- EP 0005975 W 20000627

Abstract (en)

[origin: DE19930206A1] Disclosed is a liquid cooled internal combustion engine, comprising a plurality of cooling circuits and one or several liquid radiators connected thereto. In order to produce one of several possible configurations of cooling circuits and liquid radiators, a cooling liquid guide housing (1) comprising a plurality of first flow sections (4) associated with said cooling circuits, a distributor housing (3) comprising a plurality of second flow sections (6) which are connected to the liquid radiators, and an intermediate element (2) arranged between the liquid guide housing (1) and the distributor housing (3) are provided. The intermediate element (2) has a specific arrangement of open passage sections (5) between the first flow sections (4) of the cooling liquid guide housing (1) and the second flow sections (6) of the distributor housing (3), corresponding to one of several possible configurations of cooling circuits and liquid radiators.

IPC 1-7

**F01P 11/04**

IPC 8 full level

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