

Title (en)

Liquid cooled multicylinder internal combustion engine

Title (de)

Flüssigkeitsgekühlte Mehrzylinder-Brennkraftmaschine

Title (fr)

Moteur à combustion interne à plusieurs cylindres refroidi par liquide

Publication

**EP 0637680 B1 19961127 (DE)**

Application

**EP 94110166 A 19940630**

Priority

DE 4326161 A 19930804

Abstract (en)

[origin: EP0637680A1] In a liquid-cooled multi-cylinder V-shaped internal combustion engine each cylinder (4-9) is enclosed by a separate coolant chamber (10-15) and a feed passage (22) and two return passages (29, 30) are provided on the insides of the cylinder banks (2, 3) for coolant ducting. In order to even out the cooling of the individual cylinders (4-9), a single feed passage (22) is arranged between the two cylinder banks (2, 3), which passage is directly connected to each individual coolant chamber (10-15). <IMAGE>

IPC 1-7

**F01P 3/02**; **F02F 1/14**; **F02B 75/22**

IPC 8 full level

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CPC (source: EP)

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Cited by

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