

Title (en)

COOLING SYSTEM FOR A LIQUID-COOLED INTERNAL COMBUSTION ENGINE

Title (de)

KÜHLSYSTEM FÜR EINE FLÜSSIGKEITSGEKÜHLTE BRENNKRAFTMASCHINE

Title (fr)

SYSTEME DE REFROIDISSEMENT POUR MOTEUR A COMBUSTION INTERNE REFROIDI PAR FLUIDE

Publication

EP 0888494 A1 19990107 (DE)

Application

EP 97914252 A 19970315

Priority

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- EP 9701318 W 19970315

Abstract (en)

[origin: DE19611095A1] The invention concerns a cooling system for a liquid-cooled internal combustion engine, the system comprising a filling, venting and pressure-control device in which a compressive stress generated mechanically in the coolant is combined with a feed system pressure control step, the controlled pressure reduction being brought about in a reserve of coolant which is acted upon by the air and is therefore pressureless. The device enables the cooling system to be rapidly filled with coolant in the cold state and its also enables the level in the reserve chamber to be checked when the coolant is at operating temperature without pressure losses or the risk of coolant splashing out.

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IPC 8 full level

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