

Title (en)
COOLING-SYSTEM IN A LIQUID COOLED VEHICLE-COMBUSTION ENGINE

Publication
EP 0250734 B1 19900919 (DE)

Application
EP 87105343 A 19870410

Priority
DE 3621837 A 19860628

Abstract (en)
[origin: US4759499A] A bubble trap is arranged in the cooling system of a water-cooled engine between the radiator and the water pump. The bubble trap is connected via a duct with the cooling water level compensating tank and is designed to contain at least three times the amount of water corresponding to the cross section of the inlet of the water pump. The opening of the heater circuit into the line connecting the bubble trap with the radiator is arranged a short distance upstream from the bubble trap.

IPC 1-7
B01D 19/00; F01P 11/02

IPC 8 full level
F01P 11/00 (2006.01); **B01D 19/00** (2006.01); **F01P 11/02** (2006.01); **F01P 11/06** (2006.01)

CPC (source: EP US)
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Cited by
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EP 0250734 A2 19880107; EP 0250734 A3 19890104; EP 0250734 B1 19900919; AT E56788 T1 19901015; DE 3621837 A1 19880107; DE 3765026 D1 19901025; HU 199940 B 19900328; HU T49391 A 19890928; JP S639623 A 19880116; US 4759499 A 19880726

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