

Title (en)

Boiling liquid cooled internal combustion engine.

Title (de)

Verdampfungsgekühlte Verbrennungskraftmaschine.

Title (fr)

Moteur à combustion interne refroidi à liquide en ébullition.

Publication

**EP 0478995 A1 19920408 (DE)**

Application

**EP 91115248 A 19910910**

Priority

DE 4031475 A 19901005

Abstract (en)

[origin: JPH04259621A] PURPOSE: To provide an internal combustion engine wherein high reliability is obtained by a simply-structured cooling system. CONSTITUTION: In an evaporation-cooled internal combustion engine provided with a cooling system including a coolant and a equalization container linked therewith, an equalization container 4 is connected to the steam-filled zone 6 of the cooling system 2 through a conduit 5.

Abstract (de)

Eine verdampfungsgekühlte Verbrennungskraftmaschine (1), bei der ein ein Kühlmittel (2) enthaltendes Kühlsystem (3) und ein damit verbundenes Ausgleichsgefäß (4) vorgesehen sind. Das Ausgleichsgefäß (4) ist mittels einer Leitung (5) an eine dampfgefüllte Zone (6) des Kühlsystems (2) angeschlossen. <IMAGE>

IPC 1-7

**F01P 3/22**; **F01P 11/02**

IPC 8 full level

**F01P 3/22** (2006.01); **F01P 7/04** (2006.01); **F01P 11/02** (2006.01); **F01P 7/08** (2006.01); **F01P 7/12** (2006.01)

CPC (source: EP US)

**F01P 3/22** (2013.01 - EP US); **F01P 11/029** (2013.01 - EP US); **F01P 7/08** (2013.01 - EP US); **F01P 7/12** (2013.01 - EP US); **F01P 2025/04** (2013.01 - EP US)

Citation (search report)

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- [Y] GB 1043066 A 19660921 - FORD MOTOR CO
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Designated contracting state (EPC)

DE ES FR GB IT SE

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**EP 0478995 A1 19920408**; BR 9104298 A 19920602; JP H04259621 A 19920916; US 5213066 A 19930525

DOCDB simple family (application)

**EP 91115248 A 19910910**; BR 9104298 A 19911004; JP 25752791 A 19911004; US 77016691 A 19911002