

Title (en)

BOILING LIQUID COOLING SYSTEM FOR A LIQUID COOLED INTERNAL COMBUSTION ENGINE

Publication

EP 0437772 B1 19930512 (DE)

Application

EP 90124708 A 19901219

Priority

DE 4001208 A 19900117

Abstract (en)

[origin: EP0437772A1] In order to provide a venting facility on an evaporation cooling system for an internal combustion engine, it is proposed according to the invention to control this venting as a function of the temperature. At the same time means are provided to prevent an escape of water vapour until the venting valve has been actuated. <IMAGE>

IPC 1-7

F01P 3/22; **F01P 11/02**; **F01P 11/16**; **F01P 11/18**

IPC 8 full level

F01P 3/22 (2006.01); **F01P 11/02** (2006.01); **F01P 11/16** (2006.01); **F01P 11/18** (2006.01)

CPC (source: EP US)

F01P 3/2271 (2013.01 - EP US); **F01P 11/02** (2013.01 - EP US); **F01P 11/16** (2013.01 - EP US); **F01P 11/18** (2013.01 - EP US); **F01P 11/0285** (2013.01 - EP US); **F01P 2011/0271** (2013.01 - EP US); **F01P 2025/08** (2013.01 - EP US); **F01P 2060/08** (2013.01 - EP US)

Cited by

CN105709869A; CN106837597A; FR2752016A1; EP0545789A1; FR2684722A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0437772 A1 19910724; **EP 0437772 B1 19930512**; DE 4001208 A1 19910718; DE 59001445 D1 19930617; ES 2041111 T3 19931101; US 5111777 A 19920512

DOCDB simple family (application)

EP 90124708 A 19901219; DE 4001208 A 19900117; DE 59001445 T 19901219; ES 90124708 T 19901219; US 64243191 A 19910117