

Title (en)
Partially filled boiling liquid cooling system

Title (de)
Teilgeflutetes Verdampfungskühlsystem

Title (fr)
Système de refroidissement par évaporation avec de remblayage partiel

Publication
EP 0657633 B1 19970813 (DE)

Application
EP 94117995 A 19941115

Priority
DE 4341927 A 19931209

Abstract (en)
[origin: EP0657633A1] In order to ensure ease of filling and checking of the filling level in a partially filled evaporation cooling system, it is proposed to use a cross-flow condenser as condenser (9), to the outlet side condensate collector (11) of which a laterally connected reservoir (17) is fixed in one piece. The said reservoir (17) is connected by way of a passage (18) in its lower area to the lower area of the condensate collector (11). From its upper area a venting line (21) branches off into the condensate collector (11) up to the filling level (l) for the cold internal combustion engine.
<IMAGE>

IPC 1-7
F01P 3/22; **F01P 11/02**; **F28F 9/02**

IPC 8 full level
F01P 3/22 (2006.01); **F01P 11/02** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)
F01P 3/2271 (2013.01); **F01P 11/029** (2013.01); **F28F 9/0231** (2013.01); **F01P 2003/2221** (2013.01)

Cited by
US7791885B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0657633 A1 19950614; **EP 0657633 B1 19970813**; DE 4341927 A1 19950614; DE 59403722 D1 19970918

DOCDB simple family (application)
EP 94117995 A 19941115; DE 4341927 A 19931209; DE 59403722 T 19941115