

Title (en)
FLUID HEATING SYSTEM FOR VEHICLES

Title (de)
FLUIDHEIZSYSTEM FÜR EIN FAHRZEUG

Title (fr)
SYSTEME DE RECHAUFFEMENT DE LIQUIDE D'UN VEHICULE

Publication
EP 1068086 A1 20010117 (EN)

Application
EP 99906647 A 19990208

Priority
• SE 9900158 W 19990208
• SE 9800398 A 19980212

Abstract (en)
[origin: WO9941097A1] The present invention relates to an arrangement in a closed, pressurised, fluid heating system (1) for vehicles with an onboard heat source (2). A feed-line (3) and a return-line (4) are connected to the onboard heat source (2). At least two climate-circuits (5, 6) with heat-exchanger means are arranged for heating of different parts of the vehicle interior. A bypass-line and valve means are arranged to selectively permit fluid flow between the feed-line (3) and the return-line (4). An inlet side of each respective climate-circuit (5, 6) is connected to a first output of a respective three-way valve (7, 8), whose input is connected to the feed-line (3). An inlet side of a respective bypass-line (10, 11) is connected to a second output of the same three-way valve. An outlet side of each climate-circuit (5, 6) and each bypass-line (10, 11) is connected to the return-line (4). Each respective three-way valve (7, 8) is arranged to selectively apportion the fluid flow between the respective climate-circuit (5, 6) and the respective bypass-line (10, 11) connected thereto.

IPC 1-7
B60H 1/00

IPC 8 full level
B60H 1/00 (2006.01)

CPC (source: EP)
B60H 1/00885 (2013.01)

Citation (search report)
See references of WO 9941097A1

Designated contracting state (EPC)
BE DE ES FI FR GB IT NL

DOCDB simple family (publication)
WO 9941097 A1 19990819; AU 2650299 A 19990830; EP 1068086 A1 20010117; PL 342017 A1 20010507; SE 510863 C2 19990628; SE 9800398 D0 19980212; SE 9800398 L 19990628

DOCDB simple family (application)
SE 9900158 W 19990208; AU 2650299 A 19990208; EP 99906647 A 19990208; PL 34201799 A 19990208; SE 9800398 A 19980212