

Title (en)
Heating and air conditioning system

Title (de)
Heizungs- und Klimaanlage

Title (fr)
Système de Chauffage et de climatisation

Publication
EP 1124097 B1 20040414 (FR)

Application
EP 01400348 A 20010209

Priority
FR 0001746 A 20000211

Abstract (en)
[origin: EP1124097A1] Winter/summer operation of a heating and air conditioning system is controlled by a three way valve (7) which if it failed would send unexpected hot water to a cooling system (6) or a combined heating and air conditioning system (5) causing high excess pressures. The risk is reduced by a compressor bypass valve (13) on the cooling system and a pressure reducer by pass valve on the combined heating and air conditioning system. An Independent claim is also included for the method for setting up the heating and air conditioning system.

IPC 1-7
F24F 3/06; **F25B 49/02**

IPC 8 full level
F24F 3/06 (2006.01); **F25B 7/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP)
F24F 3/06 (2013.01); **F25B 7/00** (2013.01); **F25B 49/027** (2013.01)

Cited by
CN111442569A; CN101782263A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1124097 A1 20010816; **EP 1124097 B1 20040414**; AT E264484 T1 20040415; DE 60102726 D1 20040519; DE 60102726 T2 20050331; ES 2219484 T3 20041201; FR 2805031 A1 20010817; FR 2805031 B1 20020517

DOCDB simple family (application)
EP 01400348 A 20010209; AT 01400348 T 20010209; DE 60102726 T 20010209; ES 01400348 T 20010209; FR 0001746 A 20000211