

Title (en)

Manifold assembly for heating or cooling radiators

Title (de)

Heiz- bzw. Kühlkörper-Verteileranordnung

Title (fr)

Ensemble collecteur pour radiateurs de chauffage ou de réfrigération

Publication

EP 0972998 A3 20020807 (DE)

Application

EP 99113520 A 19990705

Priority

DE 19832051 A 19980716

Abstract (en)

[origin: EP0972998A2] The heating or cooling device has a number of hollow horizontal panels (1,2,3,4), feed and return connections for a circulated heating or cooling medium and a distributor receiving the heating or cooling medium from the first horizontal panel(1), which is connected to the feed connection and supplying it to each of the remaining horizontal panels. An independent claim for a spacer for construction of a hollow horizontal panel for a heating or cooling device is also included.

IPC 1-7

F24H 9/12

IPC 8 full level

F24H 9/12 (2006.01); **F28D 1/03** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)

F24D 19/0002 (2013.01); **F24D 19/0024** (2013.01); **F28D 1/0308** (2013.01); **F28F 9/262** (2013.01)

Citation (search report)

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Cited by

CZ300414B6; EP1241415A3; EA038905B1; WO2019174654A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0972998 A2 20000119; **EP 0972998 A3 20020807**; **EP 0972998 B1 20050831**; AT E303564 T1 20050915; AT E350628 T1 20070115; DE 19832051 A1 20000120; DE 19832051 C2 20020613; DE 59912483 D1 20051006; DE 59914130 D1 20070215; EP 1553363 A1 20050713; EP 1553363 B1 20070103

DOCDB simple family (application)

EP 99113520 A 19990705; AT 05008269 T 19990705; AT 99113520 T 19990705; DE 19832051 A 19980716; DE 59912483 T 19990705; DE 59914130 T 19990705; EP 05008269 A 19990705