

Title (en)
Radiator with inner tube

Title (de)
Röhrenheizkörper mit innerem Rohr

Title (fr)
Radiator avec tube interne

Publication
EP 0928939 B1 20030226 (DE)

Application
EP 98117709 A 19980918

Priority
DE 19800487 A 19980109

Abstract (en)
[origin: EP0928939A2] An opening (9) is provided at the bottom end of an inner tube (8) running from top to bottom inside one of the vertical distribution tubes (3, 4) for the heating medium. The opening links the inside of the inner tube with the horizontal radiator tube (5) extending between the inlet and outlet connections (6, 7) for the heating medium. A partition wall (10) extends between the inner tube and the vertical distribution tube above the opening, sealing off a space (11) around this opening from the rest of heating medium.

IPC 1-7
F28D 1/053; **F28F 27/02**; **F28F 9/02**

IPC 8 full level
F24H 9/12 (2006.01); **F28D 1/053** (2006.01); **F28F 9/02** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP)
F24D 19/0002 (2013.01); **F24D 19/0036** (2013.01); **F24D 19/0048** (2013.01); **F24D 19/0073** (2013.01); **F28D 1/05325** (2013.01); **F28F 9/0202** (2013.01); **F28F 9/027** (2013.01)

Cited by
FR2842286A1; IT201600130232A1; EP1669692A3; EP1102016A1; EP1336812A1; FR2957411A1; EP1568961A1; EP1136765A3; EP1371916A3; FR2876442A1; EP1653184A1; GB2402466A; GB2402466B; US6993254B2; WO2023194362A1; LU501801B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)
EP 0928939 A2 19990714; **EP 0928939 A3 20000607**; **EP 0928939 B1 20030226**; AT E233394 T1 20030315; DE 19800487 A1 19990715; DE 59807304 D1 20030403

DOCDB simple family (application)
EP 98117709 A 19980918; AT 98117709 T 19980918; DE 19800487 A 19980109; DE 59807304 T 19980918