

Title (en)
Radiator.

Title (de)
Heizkörper.

Title (fr)
Radiateur.

Publication
EP 0445337 B1 19940824 (DE)

Application
EP 90104507 A 19900309

Priority
EP 90104507 A 19900309

Abstract (en)
[origin: EP0445337A1] The invention relates to a radiator having two perpendicular tubes (1, 2) which extend at a distance parallel to one another and at the lower end can each be joined to a permanently installed feed or return and are connected to one another by a plurality of horizontal tubes (3), which likewise extend parallel to one another and whose interior is connected via openings constructed in the mutually welded tubes (1, 2, 3) to the interior of the perpendicular tubes (1, 2). In order to be able independently of the separation of the perpendicularly extending tubes (1) to match the heat exchanging surface of the radiator to the particular requirement, the horizontal tubes (3) are constructed in the form of a C and, by means in each case of their end pieces (3a) adjoining a tube bend (3b), they are respectively joined to one of the perpendicular tubes (1 or 2) in such a way that the tube middle piece (3c) extending between the two tube bends (3b) and exceeding the spacing between the perpendicular tubes (1, 2) extends at a distance in front of the perpendicular tubes (1, 2). <IMAGE>

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F28D 1/047

IPC 8 full level
F28D 1/047 (2006.01)

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F28D 1/0475 (2013.01); **F28D 2021/0036** (2013.01)

Cited by
EP1584873A1; EP0800048A4; FR2684749A1; EP0674148A1; DE4409767A1; DE10005668A1; DE10005668B4; EP1124104A3; US9415930B2; US9919864B2

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