

Title (en)

RADIATOR COMPRISING AN OUTWARD-FACING U-SHAPED END PLATE, AND CORRESPONDING HEATING VENTILATION OR AIR-CONDITIONING SYSTEM

Title (de)

HEIZKÖRPER MIT EINER NACH AUSSEN GERICHTETEN U-FÖRMIGEN ENDPLATTE UND ENTSPRECHENDE HEIZ-, LÜFTUNGS- ODER KLIMATISIERUNGSSYSTEM

Title (fr)

RADIATEUR À PLAQUE D'EXTRÉMITÉ EN U ORIENTÉE VERS L'EXTÉRIEUR, ET SYSTÈME DE CHAUFFAGE, VENTILATION OU CLIMATISATION CORRESPONDANT

Publication

**EP 3568658 B1 20211027 (FR)**

Application

**EP 18714590 A 20180319**

Priority

- FR 1752214 A 20170317
- FR 2018050663 W 20180319

Abstract (en)

[origin: WO2018167446A1] The invention relates to a radiator (1) comprising a body (12) and two containers (10, 11) disposed on two opposing sides of the body (12), said body (12) comprising a plurality of pipes (120) opening at each end into one of the containers (10, 11), said body (12) comprising an end plate (123) disposed at a first end and extending substantially between the containers (10, 11). According to the invention, the end plate (123) has an essentially U-shaped cross-section with a base (1231) extending into two side wings (1232), said base (1231) extending at least partially in contact with the first (120) of the pipes (120), located at the above-mentioned first end of the body (12), each pipe (120) being disposed between two spacers (121) except the first pipe (1201), with no spacer (121) being disposed between the base (1231) of the end plate (123) and the first pipe (1201), said wings (1232) extending from the base (1231) outwards from the body (12).

IPC 8 full level

**F28D 1/053** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)

**F28D 1/05366** (2013.01); **F28F 9/001** (2013.01); **F28F 2230/00** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2018167446 A1 20180920**; CN 110431372 A 20191108; CN 110431372 B 20220927; EP 3568658 A1 20191120; EP 3568658 B1 20211027; FR 3064054 A1 20180921; FR 3064054 B1 20210618

DOCDB simple family (application)

**FR 2018050663 W 20180319**; CN 201880018610 A 20180319; EP 18714590 A 20180319; FR 1752214 A 20170317