

Title (en)
IMPROVED CONVECTION RADIATOR

Title (de)
VERBESSERTE KONVEKTIONSSTRAHLER

Title (fr)
RADIATEUR À CONVECTION PERFECTIONNÉ

Publication
EP 2065665 A1 20090603 (EN)

Application
EP 07803648 A 20070726

Priority
• ES 2007000461 W 20070726
• ES 200602045 U 20060918

Abstract (en)
Improved convection radiator having an internal coil (2), to which are attached metal parts (4) having tubular (6) and semitubular (7) conduits which are separated by longitudinal openings (8) with a width similar to that of the coil (2), in which there is a significantly elevated number of conduits (6) and (7) such that, in a reduced amount of space, each module (4) has an elevated number of conduits (6) and (7), thus increasing the metal surface area that is heated. The modules (4) are externally covered, on the flanges (5), by respective plastic covers (10), are fixed using conventional systems and have, on their upper part, metal grids (11) which are intended to prevent the accidental introduction of extraneous elements into the radiator and cover the openings which form the metal profiles constituting the tubular (6) and semitubular (7) conduits and through which the heat emanates.

IPC 8 full level
F28D 1/047 (2006.01); **F28F 1/12** (2006.01)

CPC (source: EP)
F28D 1/047 (2013.01); **F28D 7/0016** (2013.01); **F28F 1/126** (2013.01); **F28F 21/068** (2013.01); **F28F 21/088** (2013.01)

Citation (search report)
See references of WO 2008034923A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2065665 A1 20090603; ES 1063777 U 20061201; ES 1063777 Y 20070301; WO 2008034923 A1 20080327

DOCDB simple family (application)
EP 07803648 A 20070726; ES 200602045 U 20060918; ES 2007000461 W 20070726