

Title (en)
A PRODUCTION SYSTEM FOR RADIATORS, FOR HEATING PLANTS

Title (de)
HERSTELLUNGSSYSTEM FÜR RADIATOREN FÜR HEIZANLAGEN

Title (fr)
SYSTÈME DE PRODUCTION DE RADIATEURS DESTINÉ À CHAUFFER DES VÉGÉTAUX

Publication
EP 1907782 B1 20101229 (EN)

Application
EP 06765543 A 20060608

Priority
• IB 2006001630 W 20060608
• IT PN20050048 A 20050725

Abstract (en)
[origin: US2008196234A1] A production system for radiators, for heating plants, the system being obtained by simple assembly of two radiator half-shells (1 a, 1 b) and two connecting and fastening elements (3 and 4), in which a final complete radiator is obtained using only mechanical systems and without any welding, two flanges (5, 7) also being included. The final radiator of the system is composed of a plurality of single radiator elements (1) made of two radiator half-shells (1 a, 1 b) and a length of cylindrical pipe (2) applied to a single radiator element (1), while the two connecting and fastening elements (3, 4) are constituted by a threaded sleeve for connecting and fixing the two half-shells (1 a, 1 b) constituting a radiator element (1) to one another by a screwing action. The radiator elements so composed and connected will be provided in the part that extends from the cylindrical tract (12) and departs therefrom following on with short recessed tracts (14 and 15), in the recessed track (15) with an elastic washer (4) which enables irreversible connection of a relative length of cylindrical pipe (2) to the radiator element (1).

IPC 8 full level
F28F 9/26 (2006.01)

CPC (source: EP US)
F28F 9/06 (2013.01 - EP US); **F28F 9/266** (2013.01 - EP US); **F28D 2021/0035** (2013.01 - EP US); **Y10T 29/49893** (2015.01 - EP US)

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
BA HR MK RS

DOCDB simple family (publication)
WO 2007012929 A1 20070201; AT E493623 T1 20110115; CA 2614284 A1 20070201; DE 602006019252 D1 20110210;
EA 012541 B1 20091030; EA 200800029 A1 20080829; EP 1907782 A1 20080409; EP 1907782 B1 20101229; IT PN20050048 A1 20070126;
US 2008196234 A1 20080821

DOCDB simple family (application)
IB 2006001630 W 20060608; AT 06765543 T 20060608; CA 2614284 A 20060608; DE 602006019252 T 20060608; EA 200800029 A 20060608;
EP 06765543 A 20060608; IT PN20050048 A 20050725; US 99573006 A 20060608