

Title (en)

HEATING ELECTRIC RADIATOR AND METHOD FOR CONTROLLING A HEATING ELECTRIC RADIATOR

Title (de)

ELEKTRISCHER HEIZKÖRPER UND VERFAHREN ZUR STEUERUNG EINES ELEKTRISCHEN HEIZKÖRPERS

Title (fr)

RADIATEUR ÉLECTRIQUE CHAUFFANT ET PROCÉDÉ DE COMMANDE D'UN RADIATEUR ÉLECTRIQUE CHAUFFANT

Publication

**EP 3619476 B1 20210421 (EN)**

Application

**EP 18728231 A 20180502**

Priority

- IT 201700047140 A 20170502
- IB 2018053045 W 20180502

Abstract (en)

[origin: WO2018203254A1] An electric radiator (1) for space heating comprises a body (2) provided with an inner cavity (3) and outer heat exchange surfaces (4); an electric power heating element (5) housed in the cavity (3); an electric power supply connection (6) connectable to an external power network; and a control unit (7) connected to the power supply connection (6) and to the heating element (5) for controlling the power supply of the heating element (5); the control unit (7) includes a power controller (9), configured to detect the power supplied to the heating element (5) and to operate, when it detects a power supplied to the heating element (5) greater than a preset threshold value, to limit the energy supplied to the heating element (5).

IPC 8 full level

**F24D 19/10** (2006.01); **F24H 9/20** (2006.01); **G05F 1/66** (2006.01); **H05B 1/02** (2006.01); **H05B 3/00** (2006.01)

CPC (source: EP US)

**F24D 19/1096** (2013.01 - EP US); **F24H 9/2071** (2013.01 - EP US); **H05B 1/0277** (2013.01 - EP); **F24D 2200/08** (2013.01 - EP); **G05F 1/66** (2013.01 - EP)

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 2018203254 A1 20181108**; EP 3619476 A1 20200311; EP 3619476 B1 20210421; IT 201700047140 A1 20181102; PT 3619476 T 20210601

DOCDB simple family (application)

**IB 2018053045 W 20180502**; EP 18728231 A 20180502; IT 201700047140 A 20170502; PT 18728231 T 20180502