

Title (en)

RADIATOR ELEMENT HAVING MULTIPLE HEATING ZONES

Title (de)

STRAHLKÖRPERELEMENT MIT MULTIPLLEN HEIZZONEN

Title (fr)

ÉLÉMENT DE CORPS DE RADIATEUR À PLUSIEURS ZONES DE CHAUFFAGE

Publication

EP 2932792 B1 20201125 (DE)

Application

EP 12761704 A 20120724

Priority

EP 2012003119 W 20120724

Abstract (en)

[origin: WO2014015883A1] The invention relates to a novel type of electric radiator element having multiple heating zones for the production of extremely energy-efficient eco-design applications, radiator heating flanges and radiator heating pipes in the extra-low-voltage and low-voltage range, having integrated radiators (3) which increase and multiply the heating output of the heater resistor (1) without the additional consumption of energy.

IPC 8 full level

H05B 3/54 (2006.01)

CPC (source: EP US)

H05B 3/0014 (2013.01 - EP US); **H05B 3/06** (2013.01 - US); **H05B 3/12** (2013.01 - US); **H05B 3/265** (2013.01 - EP US); **H05B 3/42** (2013.01 - US); **H05B 3/48** (2013.01 - EP US); **H05B 3/54** (2013.01 - EP US); **H05B 2203/003** (2013.01 - EP US); **H05B 2203/005** (2013.01 - EP US); **H05B 2203/007** (2013.01 - EP US); **H05B 2203/014** (2013.01 - EP US); **H05B 2203/032** (2013.01 - EP US)

Citation (examination)

- US 4388523 A 19830614 - KEEP JR HENRY, et al
- US 6147308 A 20001114 - SANTAGATA DANIEL A [US]

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WO2019063030A2

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)

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DOCDB simple family (application)

EP 2012003119 W 20120724; CN 201280074842 A 20120724; EP 12761704 A 20120724; ES 12761704 T 20120724; US 201214417143 A 20120724