

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 A1 20151021 (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 (search report)

See references of WO 2014015883A1

Cited by

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014015883 A1 20140130; CN 104488351 A 20150401; EP 2932792 A1 20151021; EP 2932792 B1 20201125; ES 2847889 T3 20210804; US 2015341987 A1 20151126; US 9936538 B2 20180403

DOCDB simple family (application)

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