

Title (en)
Electric heating device

Title (de)
Elektrische Heizvorrichtung

Title (fr)
Dispositif de chauffage électrique

Publication
EP 2180759 B1 20150909 (DE)

Application
EP 09012309 A 20090929

Priority
DE 202008014050 U 20081022

Abstract (en)
[origin: EP2180759A1] The device has a wire-shaped heating conductor (7) embedded into a metal casing (2) made of steel or high-grade steel arranged in a compact insulation material filling (6) made from magnesium oxide. The conductor has electrical connectors (13, 14) guided away from the casing. The conductor is switched by two temperature-dependent activatable, electrical switching and control elements (9, 10). The switching and control elements are arranged axially opposite to multiple lightweight or uncompressed axial sections (4) of the insulation material filling and the metal casing.

IPC 8 full level
H05B 3/48 (2006.01)

CPC (source: EP)
H05B 3/48 (2013.01); **H01H 37/32** (2013.01)

Cited by
EP2440003A1; ITRM20100285A1; CN106507518A; CN103796350A; CN107371280A; US11279059B2

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
DE 202008014050 U1 20090115; EP 2180759 A1 20100428; EP 2180759 B1 20150909

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