

Title (en)

Heating element of a heating device

Title (de)

Wärmeerzeugendes Element einer Heizvorrichtung

Title (fr)

Élément d'un dispositif de chauffage produisant de la chaleur

Publication

EP 1916874 B1 20101124 (DE)

Application

EP 08002862 A 20050923

Priority

EP 05020753 A 20050923

Abstract (en)

[origin: EP1768458A1] The unit has a positive temperature coefficient (PTC)-unit (6) and electrical conductor paths (4) that rest against opposite side surfaces of the PTC-unit. The electrical conductor paths are surrounded in an external-side by a non-electrical conductive insulating layer (8). The insulating layer has a ceramic plate and a plastic foil, where the plastic foil is arranged in an outer side of the ceramic plate and is laminated on the outer side of the ceramic plate. An independent claim is also included for a heating device for air heating.

IPC 8 full level

H05B 3/50 (2006.01)

CPC (source: EP KR US)

F24H 3/0429 (2013.01 - EP US); **F24H 3/0435** (2013.01 - EP KR US); **F24H 3/0447** (2013.01 - EP KR US); **F24H 3/0464** (2013.01 - EP KR US); **F24H 3/0476** (2013.01 - EP KR US); **F24H 3/082** (2013.01 - EP KR US); **F24H 9/1863** (2013.01 - EP US); **F24H 9/1872** (2013.01 - EP KR US); **H05B 3/50** (2013.01 - EP KR US); **H05B 2203/02** (2013.01 - EP KR US); **H05B 2203/023** (2013.01 - EP KR US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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