

Title (en)  
Heat generating element of a heating device

Title (de)  
Wärmeerzeugendes Element einer Heizvorrichtung

Title (fr)  
Élément chauffant d'un dispositif de chauffage

Publication  
**EP 1768458 B1 20080514 (DE)**

Application  
**EP 05020753 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)

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