

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 1768459 B1 20080521 (DE)**

Application  
**EP 06017063 A 20060816**

Priority  
• EP 05020753 A 20050923  
• EP 05020752 A 20050923  
• EP 06017063 A 20060816

Abstract (en)  
[origin: EP1768459A1] The unit has an electric conductor strip (4) adjacent to a positive temperature co-efficient (PTC) unit (6), and an elongated positioning frame (2) with a frame opening for accommodating the PTC unit. An insulating layer (8) is provided at an outer side of the strip for covering the strip, where the outer side is turned away from the frame. The layer is sealed against a longitudinal side of the frame by a compressible sealing bead (46), where the bead is continuously designed in a longitudinal direction of the frame, and is made of highly insulated plastic.

IPC 8 full level  
**H05B 3/50** (2006.01); **H05B 3/14** (2006.01)

CPC (source: EP KR US)  
**F24H 3/0405** (2013.01 - 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 9/1872** (2013.01 - EP KR US); **H05B 3/50** (2013.01 - EP KR US); **H05B 2203/02** (2013.01 - EP KR US)

Cited by  
DE102017223785A1; DE102017223779A1; CN110430627A; EP2731400A1; EP2017103A1; EP2025541A1; FR3135183A1; DE102020203390A1; US8362406B2; EP2393336A1; EP3101364A1; EP3101998A1; EP3503671A1; EP2466222A1; EP3101999A1; EP3334243A1; EP3334242A1; DE102016224296A1; EP3592105A1; EP2190256B1

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