

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 A1 20070328 (DE)

Application
EP 06017063 A 20060816

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

Abstract (en)
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)

Citation (search report)
• [YA] EP 1432287 A1 20040623 - CATEM GMBH & CO KG [DE]
• [YA] DE 2845894 A1 19800430 - EICHENAUER FA FRITZ
• [Y] DE 3022034 A1 19811217 - BARLIAN REINHOLD ING GRAD

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EP 1768459 A1 20070328; **EP 1768459 B1 20080521**; DE 502006000793 D1 20080703; ES 2303712 T3 20080816; JP 2007147259 A 20070614; JP 4170355 B2 20081022; KR 100850476 B1 20080807; KR 20070034445 A 20070328; US 2007068927 A1 20070329; US 7777161 B2 20100817

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