

Title (en)
Heat generating element of a heating device

Title (de)
Wärmeerzeugendes Element einer Heizvorrichtung

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

Publication
EP 1768457 A1 20070328 (DE)

Application
EP 05020752 A 20050923

Priority
EP 05020752 A 20050923

Abstract (en)
The generating element has a positive temperature coefficient (PTC) element (6) and a positioning frame (2), which includes a frame opening for retaining the PTC element. The PTC element is supported in the frame in a highly insulating manner with a comparative tracking index (CTI) value of 400. An isolating gap (36) is provided between the PTC element and the material of the positioning frame surrounding the opening. An isolating spacer unit (40) is provided in the isolating gap. The spacer unit and/or the positioning frame are formed from electrically high-quality insulating material.

IPC 8 full level
H05B 3/50 (2006.01)

CPC (source: EP KR US)
F24H 3/0405 (2013.01 - EP US); **F24H 3/0429** (2013.01 - EP US); **F24H 3/0435** (2013.01 - EP US); **F24H 3/0447** (2013.01 - EP US); **F24H 3/0464** (2013.01 - EP US); **F24H 3/0476** (2013.01 - EP US); **F24H 3/082** (2013.01 - EP US); **F24H 9/1872** (2013.01 - EP US); **H05B 3/14** (2013.01 - KR); **H05B 3/16** (2013.01 - KR); **H05B 3/50** (2013.01 - EP US); **H05B 2203/02** (2013.01 - EP US); **H05B 2203/023** (2013.01 - EP US)

Citation (search report)

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