

Title (en)
Radiant heating unit.

Title (de)
Strahlungs-Heizeinheit.

Title (fr)
Unité de chauffage à radiation.

Publication
EP 0542142 B1 19950712 (DE)

Application
EP 92119004 A 19921106

Priority
DE 9113992 U 19911112

Abstract (en)
[origin: EP0542142A2] In the case of a radiant heating element, the temperature sensor (30) of a temperature limiter (29) projects over only a part of the diameter of the heating area (17) in which radiant heating elements (13) are arranged. The temperature sensor is constructed and/or supported such that it exerts a pressure on a holder (44), for example in the form of a projecting stud on the insulating body (7), which stud is arranged, for example, in the centre of the heating element. It thus holds the insulation under a specific pre-stressing pressure and, at the same time, it is prevented from lifting off upwards and coming too close to the heated plate. <IMAGE>

IPC 1-7
H05B 3/74; **F24C 15/10**

IPC 8 full level
F24C 15/10 (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)
F24C 15/105 (2013.01 - EP US); **H05B 3/746** (2013.01 - EP US); **H05B 2213/04** (2013.01 - EP US)

Citation (examination)
• DE 3536981 A1 19870423 - AKO WERKE GMBH & CO [DE]
• GB 2181896 A 19870429 - AKO WERKE GMBH & CO

Cited by
DE19942967A1; DE4438648A1; EP0948238A3; GB2372190B; EP1215940A3; WO2007125299A1

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

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US 5489764 A 19960206; AT E125098 T1 19950715; DE 59202869 D1 19950817; DE 9113992 U1 19920102; EP 0542142 A2 19930519; EP 0542142 A3 19930609; EP 0542142 B1 19950712; ES 2074794 T3 19950916

DOCDB simple family (application)
US 31457594 A 19940928; AT 92119004 T 19921106; DE 59202869 T 19921106; DE 9113992 U 19911112; EP 92119004 A 19921106; ES 92119004 T 19921106