

Title (en)
Electrical heating devices

Title (de)
Elektrische Heizvorrichtungen

Title (fr)
Dispositif de chauffage électrique

Publication
EP 1814361 A1 20070801 (FR)

Application
EP 07290082 A 20070122

Priority
FR 0600791 A 20060127

Abstract (en)
The device has a cover (1) including a front face (2), and a set of infrared emitting units (6) emitting infrared radiation. The front face has a solid shell (5) mounted in the front face with respect to a support in a sealed manner. The shell is made of a non-metallic material which is partially transparent to the infrared radiation and which is chosen among zinc selenide, magnesium oxide, silica, alumina or glass-ceramic material.

Abstract (fr)
Un dispositif de chauffage électrique comporte une enveloppe 1, présentant une face avant 2 et contenant un moyen 6 apte à émettre un rayonnement infrarouge. La face avant 2 présente au moins une partie 5 pleine et étanche par rapport à son support en matériau métallique transmettant le rayonnement infrarouge vers une emplacement à chauffer.

IPC 8 full level
H05B 3/00 (2006.01); **F24C 7/04** (2006.01); **F24H 3/00** (2006.01)

CPC (source: EP)
F24C 7/043 (2013.01); **F24H 3/002** (2013.01); **H05B 3/008** (2013.01)

Citation (applicant)
• DE 20308574 U1 20030821 - DIENSTLEISTUNGSGRUPPE GMBH [DE]
• WO 9627271 A1 19960906 - COGIDEV [FR], et al
• DE 20314654 U1 20031218 - OESTERWITZ KARL HEINZ [DE]

Citation (search report)
• [X] DE 20308574 U1 20030821 - DIENSTLEISTUNGSGRUPPE GMBH [DE]
• [Y] WO 9627271 A1 19960906 - COGIDEV [FR], et al
• [Y] DE 20314654 U1 20031218 - OESTERWITZ KARL HEINZ [DE]
• [X] US 4598194 A 19860701 - HALBERSTADT ALEX L [GB], et al
• [X] EP 1006754 A2 20000607 - TOSHIBA CERAMICS CO [JP]

Cited by
FR2990015A1; WO2013160623A2; WO2013160623A3; WO2011038837A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1814361 A1 20070801; FR 2896942 A1 20070803; FR 2896942 B1 20140314

DOCDB simple family (application)
EP 07290082 A 20070122; FR 0600791 A 20060127