

Title (en)

PANEL HEATERS

Title (de)

FLÄCHENHEIZKÖRPER

Title (fr)

PANNEAU CHAUFFANT

Publication

**EP 2208003 A2 20100721 (EN)**

Application

**EP 08776669 A 20080519**

Priority

- IN 2008000317 W 20080519
- IN 2618CH2007 A 20071112

Abstract (en)

[origin: WO2009063478A2] A panel heater with enhanced safety means adaptable as room heaters disposable on walls, or floor, comprising: - A flat panel heater (B) comprising filled oil using electrical energy alternatively a heating panel where heated wire is covered with Electrical insulating material is accommodated inside a flat covering panels which is supplied with electrical energy from conventional source and is mounted on wall or floor mounting- when provided with at least one protrusion on top of the panel or alternatively one at the top and other at bottom so that when covered by a cloth or felt creates air gap and reduces the temperatures attained on panel surface and the covered cloth significantly, thereby enhancing safety levels to prevent fire hazard.

IPC 8 full level

**F24D 13/04** (2006.01)

CPC (source: EP US)

**F24D 13/022** (2013.01 - EP US); **F24D 19/064** (2013.01 - EP US); **F24D 19/067** (2013.01 - EP US); **F24H 3/004** (2013.01 - EP US); **Y02B 30/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2009063478A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**WO 2009063478 A2 20090522**; **WO 2009063478 A3 20100930**; AU 2008322217 A1 20090522; AU 2008322217 B2 20120712; CA 2742349 A1 20090522; EP 2208003 A2 20100721; NZ 585645 A 20120831; US 2010239235 A1 20100923

DOCDB simple family (application)

**IN 2008000317 W 20080519**; AU 2008322217 A 20080519; CA 2742349 A 20080519; EP 08776669 A 20080519; NZ 58564508 A 20080519; US 68241408 A 20080519