

Title (en)
ARRANGEMENT OF PORCELANEOUS STONEWARE PLATES FOR USE AS AN ACCUMULATOR AND A RADIANT ELEMENT FOR HEATING

Title (de)
ANORDNUNG VON PORZELLANSTEINZEUGPLATTEN ZUR VERWENDUNG ALS AKKU UND STRAHLELEMENT ZUR BEHEIZUNG

Title (fr)
AGENCEMENT DE PLAQUES DE GRES FIN UTILISE COMME ACCUMULATEUR ET ELEMENT RADIANT POUR LE CHAUFFAGE

Publication
EP 1921388 A1 20080514 (EN)

Application
EP 06819968 A 20060804

Priority

- ES 2006000464 W 20060804
- ES 200501988 A 20050805
- ES 200501989 A 20050805

Abstract (en)
The invention relates to an arrangement for the heating of porcelainous stoneware plates for use as an accumulator and a radiant element for heating, comprising the use of porcelainous stoneware plates having a rear cover of synthetic metal (1), which enable a heating element (3) to be joined to same in such a way as (i) to heat the stoneware plate through the incorporation of any type of electrical resistors (6) or the adjacent incorporation of a container for a fluid (4), such as water or oil, and (ii) to maintain heat irradiation once the actuation of the heater has been stopped.

IPC 8 full level
F24C 15/34 (2006.01); **F24H 7/00** (2006.01)

CPC (source: EP US)
F24C 15/34 (2013.01 - EP US); **F24D 11/002** (2013.01 - EP US); **F24H 7/062** (2013.01 - EP US); **F24D 2220/2063** (2013.01 - EP US)

Citation (search report)
See references of WO 2007017545A1

Cited by
EP2141418A1; WO2010000829A1; EP2354725A1; US8718455B2

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

DOCDB simple family (publication)
EP 1921388 A1 20080514; AU 2006277907 A1 20070215; AU 2006277907 B2 20110106; BR PI0614268 A2 20110322; CA 2618025 A1 20070215; US 2008203180 A1 20080828; WO 2007017545 A1 20070215

DOCDB simple family (application)
EP 06819968 A 20060804; AU 2006277907 A 20060804; BR PI0614268 A 20060804; CA 2618025 A 20060804; ES 2006000464 W 20060804; US 99790506 A 20060804