

Title (en)
HEATING APPARATUS

Title (de)
HEIZVORRICHTUNG

Title (fr)
DISPOSITIF CHAUFFANT

Publication
EP 2638777 A1 20130918 (DE)

Application
EP 11785485 A 20111031

Priority
• ES 201031651 A 20101110
• IB 2011054819 W 20111031

Abstract (en)
[origin: WO2012063159A1] The invention is based on a heating apparatus, in particular a hob heating apparatus, with at least one heating connection (10a, 12a, 14a, 16a; 10b, 12b, 14b, 16b) for at least one heating element (18a, 20a, 22a, 24a; 18b, 20b, 22b) and at least one frequency unit (26a, 28a; 26b, 28b). In order to provide a heating apparatus of the generic type with relatively high operational reliability, it is proposed that the heating apparatus comprises a protective unit (30a; 30b), which is provided for determining the existence of a conducting path between the frequency unit (26a, 28a; 26b, 28b) and the heating connection (10a, 12a, 14a, 16a; 10b, 12b, 14b, 16b).

IPC 8 full level
H05B 6/06 (2006.01)

CPC (source: EP ES KR US)
H05B 1/0266 (2013.01 - US); **H05B 6/06** (2013.01 - KR); **H05B 6/062** (2013.01 - EP ES US); **H05B 6/1209** (2013.01 - US)

Citation (search report)
See references of WO 2012063159A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012063159 A1 20120518; CN 103190198 A 20130703; CN 103190198 B 20151216; EP 2638777 A1 20130918; EP 2638777 B1 20170531; ES 2396336 A2 20130220; ES 2396336 B1 20140211; ES 2396336 R1 20130403; ES 2634092 T3 20170926; KR 101894610 B1 20180903; KR 20130116279 A 20131023; PL 2638777 T3 20171031; US 2013206750 A1 20130815; US 9974118 B2 20180515

DOCDB simple family (application)
IB 2011054819 W 20111031; CN 201180054231 A 20111031; EP 11785485 A 20111031; ES 11785485 T 20111031; ES 201031651 A 20101110; KR 20137014678 A 20111031; PL 11785485 T 20111031; US 201113882754 A 20111031