

Title (en)

Method for heating a container placed on a hob with heating means connected to induction units

Title (de)

Verfahren zum Erhitzen eines Behälters, der auf einem Kochherd steht, mit Hilfe von Heizmitteln, die mit Induktoreinheiten funktionieren

Title (fr)

Procédé de chauffage d'un récipient posé sur une table de cuisson à moyens de chauffage associés à des inducteurs

Publication

EP 2112865 A3 20131218 (FR)

Application

EP 09075341 A 20041112

Priority

- EP 04805445 A 20041112
- FR 0313925 A 20031127

Abstract (en)

[origin: FR2863039A1] The procedure, especially for use with a cooker hob having a number of separate heaters beneath its surface actuated by detectors when a vessel is placed on the hob, consists of a series of stages, including detection of the vessel, seeking a new heating zone that covers the base of the vessel and calculating the power requirement for heating the vessel. A movement of the vessel from one part of the hob to another is also detected and a recalculation of the power requirement is made.

IPC 8 full level

H05B 6/06 (2006.01); **F24C 7/08** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP US)

H05B 6/065 (2013.01 - EP US); **H05B 2213/03** (2013.01 - EP US); **H05B 2213/05** (2013.01 - EP US)

Citation (search report)

- [A] WO 9737515 A1 19971009 - KUUSE KOLJA [DE]
- [A] EP 1206164 A2 20020515 - WHIRLPOOL CO [US]
- [A] WO 9719298 A1 19970529 - ELECTROLUX AB [SE], et al
- [A] US 2003071031 A1 20030417 - GEROLA DAVIDE [IT], et al

Cited by

EP3920662A1; US12058797B2; US11596030B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2863039 A1 20050603; FR 2863039 B1 20060217; AT E440478 T1 20090915; DE 602004022701 D1 20091001; EP 1688018 A1 20060809; EP 1688018 B1 20090819; EP 2112864 A2 20091028; EP 2112864 A3 20140924; EP 2112865 A2 20091028; EP 2112865 A3 20131218; EP 2112865 B1 20150218; EP 2112866 A2 20091028; EP 2112866 A3 20131218; EP 2112866 B1 20150114; EP 2112867 A2 20091028; EP 2112867 A3 20131218; EP 2112867 B1 20150114; ES 2331887 T3 20100119; ES 2538156 T3 20150617; ES 2538181 T3 20150617; ES 2538183 T3 20150617; PL 1688018 T3 20100129; US 2007164017 A1 20070719; US 2010243642 A1 20100930; US 7759616 B2 20100720; US 8742299 B2 20140603; WO 2005064992 A1 20050714

DOCDB simple family (application)

FR 0313925 A 20031127; AT 04805445 T 20041112; DE 602004022701 T 20041112; EP 04805445 A 20041112; EP 09075340 A 20041112; EP 09075341 A 20041112; EP 09075343 A 20041112; EP 09075344 A 20041112; ES 04805445 T 20041112; ES 09075341 T 20041112; ES 09075343 T 20041112; ES 09075344 T 20041112; FR 2004002905 W 20041112; PL 04805445 T 20041112; US 58068004 A 20041112; US 79531010 A 20100607