

Title (en)
COOKING VESSEL FOR INDUCTION RANGES AND MANUFACTURING METHOD THEREOF

Title (de)
KOCHGEFÄSS FÜR INDUKTIONSBEREICHE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
RECIPIENT DE CUISSON POUR CUISINIÈRES À INDUCTION ET SON PROCÉDE DE PRODUCTION

Publication
EP 1883334 A4 20100428 (EN)

Application
EP 06768637 A 20060526

Priority
• KR 2006001995 W 20060526
• KR 20050044541 A 20050526

Abstract (en)
[origin: WO2006126848A1] Disclosed herein are a cooking vessel for induction ranges and a manufacturing method thereof, in which a locking member produced through die casting injection to have a predetermined shape is assembled with a conductive plate produced through pressing, the assembly is put into molds for manufacturing the cooking vessel, and a die casting injection process is performed in the molds using molten aluminum Al, thus ensuring the flatness of the conductive plate, and allowing the conductive plate to be firmly integrated with the lower portion of a vessel body of the cooking vessel, thus preventing the conductive plate from being separated from the cooking vessel even if it is used for a lengthy period of time. The manufacturing method includes the steps of pressing a conductive plate made of a conductive material, assembling an aluminum locking member produced through die casting injection with an upper surface of the pressed conductive plate, die casting a vessel body integrally having the assembly on a lower portion thereof, and removing the vessel body from the molds.

IPC 8 full level
A47J 36/02 (2006.01); **A47J 27/00** (2006.01)

CPC (source: EP KR)
A47J 27/002 (2013.01 - EP KR); **A47J 36/02** (2013.01 - EP KR); **B21D 51/22** (2013.01 - KR); **B22D 17/00** (2013.01 - KR); **B22D 19/0045** (2013.01 - KR); **Y10S 99/14** (2013.01 - KR); **Y10S 220/912** (2013.01 - KR)

Citation (search report)
• [XAI] WO 2005013784 A1 20050217 - COM VALIRA S A [ES], et al
• [XA] DE 3713660 A1 19881117 - GASTROLUX GMBH [DE]
• See references of WO 2006126848A1

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)
WO 2006126848 A1 20061130; EP 1883334 A1 20080206; EP 1883334 A4 20100428; ES 2288431 A1 20080101; ES 2288431 B1 20081101; JP 2008545535 A 20081218; JP 4545213 B2 20100915; KR 100534491 B1 20051207

DOCDB simple family (application)
KR 2006001995 W 20060526; EP 06768637 A 20060526; ES 200650059 A 20060526; JP 2008513377 A 20060526; KR 20050044541 A 20050526