

Title (en)
OVEN CAVITY AND OVEN COMPRISING OVEN CAVITY

Title (de)
OFENINNENRAUM UND OFEN MIT OFENINNENRAUM

Title (fr)
CAVITÉ DE FOUR ET FOUR COMPRENANT UNE TELLE CAVITÉ

Publication
EP 2966361 A1 20160113 (EN)

Application
EP 15163642 A 20150415

Priority
• EP 14176582 A 20140710
• EP 15163642 A 20150415

Abstract (en)
A reinforced oven cavity (2000) is described that better with-stands the thermal stress that occurs when a self-cleaning process of an oven is performed. In particular, in the area of a flange that extends from one of the structural parts out-wardly (6448), a bending area (6449) is provided that extends all along the flange in a right angle or only in parts of flange where a special structural support is required, such as parts that contain an opening (2700). The bending area provides structural support in a different direction of the structural support that is provided by the flange and thus further improves the stability of the sidewalls and better prevents cracking and chipping off of the enamel coating of the oven cavity in an improved way prolonging the lifespan in view of high temperature gradients.

IPC 8 full level
F24C 15/08 (2006.01)

CPC (source: EP)
F24C 15/08 (2013.01)

Citation (applicant)
• DE 10314500 A1 20041021 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• GB 2107160 A 19830420 - SHARP KK [JP]
• US 4563559 A 19860107 - ENAMI TOSHIAKI [JP]

Citation (search report)
• [XAI] GB 2107160 A 19830420 - SHARP KK [JP]
• [XA] US 4563559 A 19860107 - ENAMI TOSHIAKI [JP]
• [XA] EP 2615377 A1 20130717 - ELECTROLUX HOME PROD CORP [BE]
• [XDA] DE 10314500 A1 20041021 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [A] DE 2942974 A1 19810507 - LICENTIA GMBH [DE]

Cited by
DE102018109867A1

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

Designated extension state (EPC)
BA ME

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