

Title (en)
COOKING DEVICE

Title (de)
KOCHVORRICHTUNG

Title (fr)
DISPOSITIF DE CUISSON

Publication
EP 2322859 A1 20110518 (EN)

Application
EP 09809924 A 20090826

Priority
• JP 2009064830 W 20090826
• JP 2008222780 A 20080829

Abstract (en)
A cooking device (1) has a discharge/dilution device (70) that dilutes air discharged from the heating chamber (20). The discharge/dilution device (70) includes: an outlet duct (72) that discharges, through a first ejector (74) via an outlet (72a), air fed by a dilution fan (71); a dilution duct (73) which is arranged in the outlet duct (72) and whose one end is connected to a suction port (72c) provided in a position where the first ejector (74) produces a suction effect and whose other end is an air intake port (73a); and a discharge duct (24) whose one end is connected to the discharge port (25) provided in a side wall of the heating chamber (20) and whose other end is connected through a second ejector (75) to a position between the suction port (72c) and the air intake port (73a) in the dilution duct (73).

IPC 8 full level
F24C 1/00 (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP US)
F24C 15/2042 (2013.01 - EP US); **F24C 15/327** (2013.01 - EP US); **H05B 6/6479** (2013.01 - EP US)

Citation (search report)
See references of WO 2010024273A1

Cited by
EP2445311A3; AU2012268875B2; WO2013182410A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2322859 A1 20110518; CN 102132102 A 20110720; CN 102132102 B 20131023; JP 2010054178 A 20100311; JP 4439575 B2 20100324; MY 152407 A 20140930; US 2011132346 A1 20110609; WO 2010024273 A1 20100304

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