

Title (en)
Steam oven with variable vacuum duct for steam extraction

Title (de)
Dampföfen mit Unterdruckansaugkanal

Title (fr)
Four à vapeur avec conduit d'aspiration à dépression

Publication
EP 1712845 B1 20080611 (EN)

Application
EP 05425239 A 20050415

Priority
EP 05425239 A 20050415

Abstract (en)
[origin: EP1712845A1] The invention is a new steam oven with ventilation of the outer walls of the cooking chamber (1), comprising a vacuum device with variable cross section between the cooking chamber (1) and the ventilation duct (2.2) suited to extract the steam from the cooking chamber (1) through a hole (1.2) present in the upper wall (1.3) of the cooking chamber (1). The device comprises a mobile wall (3.1b) suited to reduce the ventilation duct (2.2), hinged before said hole (1.2) and positioned above it. The inclination of the mobile wall (3.1b) varies from a completely lowered position, in which it closes said hole (1.2), to a maximum opening position, depending on the temperature and the humidity present inside the cooking chamber and depending on the ventilation speed in the duct (2.2).

IPC 8 full level
F24C 15/20 (2006.01); **A47J 27/16** (2006.01); **F24C 15/32** (2006.01)

CPC (source: EP)
F24C 15/2007 (2013.01)

Cited by
WO2012062864A1; DE102019205337A1; DE102007059770A1; EP1855058A1; ES2337867A1; EP3428545A1; WO2013098251A1; EP2149757A2; WO2011080097A3; WO2012084600A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1712845 A1 20061018; **EP 1712845 B1 20080611**; AT E398267 T1 20080715; DE 602005007469 D1 20080724; ES 2308421 T3 20081201; PT 1712845 E 20080922

DOCDB simple family (application)
EP 05425239 A 20050415; AT 05425239 T 20050415; DE 602005007469 T 20050415; ES 05425239 T 20050415; PT 05425239 T 20050415