

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

Title (de)
Dampfofen mit Unterdruckansaugkanal

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

Publication
EP 1712845 A1 20061018 (EN)

Application
EP 05425239 A 20050415

Priority
EP 05425239 A 20050415

Abstract (en)
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)

Citation (search report)

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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

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