

Title (en)

TALL BUILT-IN COOKING DEVICE

Title (de)

HOCHEINBAUGERÄT

Title (fr)

APPAREIL DE CUISSON ENCASTRABLE

Publication

EP 1461569 A1 20040929 (DE)

Application

EP 02787862 A 20021128

Priority

- DE 10164238 A 20011227
- EP 0213456 W 20021128

Abstract (en)

[origin: WO03056243A1] High-level built-in cooking devices with a heating chamber (1) are known, which comprise a floor chamber opening (7) which may be closed by means of a lowerable trapdoor (9) and a drive device (49), comprising at least one drive means (41a, 41b) connected to the trapdoor (9), for the displacement of the trapdoor (9), which is subjected to a tension force (FZa, FZb), counteracting a weight (FG) of the trapdoor (9). According to the invention, the drive device for the trapdoor may be switched off when the trapdoor comes into contact with an upper or lower stop in a simpler and more reliable manner, whereby a controller (103) is provided which controls the drive device (49) depending on the size of the tension force (FZa, FZb) being exerted.

IPC 1-7

F24C 15/02; F24C 15/16

IPC 8 full level

F24C 15/02 (2006.01); **F24C 15/16** (2006.01)

CPC (source: EP US)

F24C 15/027 (2013.01 - EP US); **F24C 15/162** (2013.01 - EP US)

Citation (search report)

See references of WO 03056243A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03056243 A1 20030710; AT E325312 T1 20060615; DE 10164238 A1 20030717; DE 50206705 D1 20060608; EP 1461569 A1 20040929; EP 1461569 B1 20060503; ES 2262875 T3 20061201; US 2005005927 A1 20050113; US 6904905 B2 20050614

DOCDB simple family (application)

EP 0213456 W 20021128; AT 02787862 T 20021128; DE 10164238 A 20011227; DE 50206705 T 20021128; EP 02787862 A 20021128; ES 02787862 T 20021128; US 87979004 A 20040628