

Title (en)

OVEN DOOR FOR AN OVEN CAVITY OF A COOKING OVEN

Title (de)

OFENTÜR FÜR EINEN OFENINNENRAUM EINES BACKOFENS

Title (fr)

PORTE DE FOUR POUR UNE CAVITÉ DE FOUR D'UN FOUR DE CUISSON

Publication

EP 3118525 B1 20180321 (EN)

Application

EP 15177181 A 20150717

Priority

EP 15177181 A 20150717

Abstract (en)

[origin: EP3118525A1] The present invention relates to an oven door (10) for an oven cavity (40) of a cooking oven (36). The oven door (10) comprises a first unit (12, 28) including a front panel (12) and at least two door columns (28) permanently attached at an inner side of said front panel (12) and a second unit including an inner glass panel (14) and a door frame (20) permanently attached at said inner glass panel (14). The door frame (20) includes an upper frame part (24) and two lateral frame parts (26), wherein the lateral frame parts (26) are permanently attached at an outer side of the inner glass panel (14) and the upper frame part (24) is permanently attached at upper ends of the lateral frame parts (26). The lateral frame parts (26) are connected or connectable to the door columns (28) in each case, so that the first unit (12, 28) and the second unit (14, 20) are detachably or permanently connected or connectable. A ventilation opening (30) is formed between the inner glass panel (14) and the upper frame part (24). The ventilation opening (30) is formed by a cut-out in the inner glass panel (14), so that a lower side and lateral sides of said ventilation opening (30) are bordered by the inner glass panel (14) and an upper side of said ventilation opening (30) is bordered by the upper frame part (24). An inner side of the upper frame part (24) is in the same plane as the inner side of the inner glass panel (14) or protrudes inwardly.

IPC 8 full level

F24C 15/00 (2006.01); **F24C 15/04** (2006.01)

CPC (source: EP US)

F24C 15/006 (2013.01 - EP US); **F24C 15/04** (2013.01 - EP US); **F24C 15/028** (2013.01 - US)

Cited by

CN107692860A

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

DOCDB simple family (publication)

EP 3118525 A1 20170118; EP 3118525 B1 20180321; AU 2016296049 A1 20171130; AU 2016296049 B2 20210722;
US 2018187900 A1 20180705; WO 2017012830 A1 20170126

DOCDB simple family (application)

EP 15177181 A 20150717; AU 2016296049 A 20160627; EP 2016064872 W 20160627; US 201615740037 A 20160627