

Title (en)
BAKING OVEN

Title (de)
BACKOFEN

Title (fr)
FOUR DE CUISSON

Publication
EP 2416072 B1 20190911 (DE)

Application
EP 11174503 A 20110719

Priority
DE 102010038806 A 20100803

Abstract (en)
[origin: EP2416072A1] The oven has a cooking chamber (3) closed by a mobile oven door (8). Front surfaces (5, 11) of the oven door are formed as a glass plate, where the front surfaces include a flow channel (6) for forced-payment of heated and/or polluted operating air from the oven. Air flow guiding elements (15) e.g. covering elements, are provided in the flow channel to reduce contact between the front surfaces and the operating air that exhausts from the flow channel. The air flow guiding elements are arranged on the oven door and at a stationary housing (1). The covering element is made of two differential materials selected from plastic and metal.

IPC 8 full level
F24C 15/00 (2006.01); **F24C 15/04** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)
F24C 15/006 (2013.01); **F24C 15/04** (2013.01); **F24C 15/2007** (2013.01)

Citation (examination)
US 3889100 A 19750610 - DILLS RAYMOND L

Cited by
EP3141820A1; EP3772619A1; GB2582503A; GB2582503B; EP2921782A3; WO2019096648A1; WO2021028200A1; EP2921782A2;
DE102014216548A1

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 2416072 A1 20120208; EP 2416072 B1 20190911; DE 102010038806 A1 20120209; ES 2745731 T3 20200303; PL 2416072 T3 20200331

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