

Title (en)

Cooking oven comprising a side opening door and a damper of the door movement

Title (de)

Ofen umfassend eine Tür die zur Seite öffnet und einen Dämpfer der Türbewegung

Title (fr)

Four de cuisson comprenant une porte à ouverture latérale et un amortisseur du mouvement de la porte

Publication

EP 2801762 A1 20141112 (EN)

Application

EP 14166604 A 20140430

Priority

- EP 13166936 A 20130508
- EP 14166604 A 20140430

Abstract (en)

The present application in particular is related to a cooking oven (1). The oven (1) comprises a main body (2) with a cavity (3) and a side-opening door (4) configured for closing the cavity (3). The door (4) is hingedly attached to the main body (2). The oven (1) further comprises a damping element (6) which bridges between the door (4) and the main body (2) and is adapted to at least one of damping an opening movement of the door (4) and damping a closing movement of the door (4).

IPC 8 full level

F24C 15/02 (2006.01); **A47L 15/42** (2006.01); **D06F 39/14** (2006.01); **E05F 1/10** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP)

F24C 15/023 (2013.01); **E05F 1/1091** (2013.01); **E05Y 2900/308** (2013.01)

Citation (applicant)

EP 1731704 A2 20061213 - SAMSUNG ELECTRONICS CO LTD [KR]

Citation (search report)

- [XYI] GB 2350863 A 20001213 - BELLING APPLIANCES LTD [GB]
- [XP] EP 2708820 A1 20140319 - GUANGDONG GALANZ MICROWAVE OVEN AND ELECTRICAL APPLIANCES MFG CO LTD [CN]
- [Y] US 2005206286 A1 20050922 - FINKELSTEIN BURL [US]
- [A] DE 102006019332 A1 20061207 - SUSPA HOLDING GMBH [DE], et al
- [A] EP 2574712 A1 20130403 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

US11920396B2; WO2023109115A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2801762 A1 20141112; EP 2801762 B1 20180117

DOCDB simple family (application)

EP 14166604 A 20140430