

Title (en)

Cooking oven comprising two-part gasket assembly

Title (de)

Backofen mit zweiteiliger Dichtungsanordnung

Title (fr)

Four de cuisson comprenant un ensemble joint en deux parties

Publication

EP 2177836 A1 20100421 (EN)

Application

EP 08018129 A 20081016

Priority

EP 08018129 A 20081016

Abstract (en)

The invention relates to a cooking oven, particularly a cooking oven comprising a steam-generating system, comprising an oven liner (3) defining a cooking cavity (2) with a frontward access opening (40), an oven casing (5), an oven front frame (4) connected to the oven casing (5) and separated from the oven liner (3) by an open-mouthed circumferential frontward gap for receiving a two-part gasket assembly (6) for sealing an oven door to close said cooking cavity (2), wherein the two-part gasket assembly (6) comprises a support member (7) and a sealing member (8), the support member (7) comprising a support frame (70) enframing the access opening (40) of the oven cavity (2), comprising a series of slot-like apertures (73) in an arrangement for interfacing the circumferential frontward gap, and a series of bearing members (74) in line with the slot-like apertures (73), bearing a circumferential rearward sealing flange (75) for insertion into the open mouthed circumferential gap, and fastener means (71) to fasten the support frame (70) to the front frame (4), and the sealing member (8) comprising a sealing frame (80), comprising a recess (81) to accommodate to the support frame (70), a series of retainers (82) in an arrangement to fit in the slot-like apertures (73) of the support member and a peripheral sealing lip (83). A further aspect of the invention relates to a two-part gasket assembly (6) for providing a seal between an oven cavity (2) of a cooking oven (1) and its associated oven door.

IPC 8 full level

F24C 15/02 (2006.01)

CPC (source: EP)

F24C 15/021 (2013.01)

Citation (applicant)

- DE 19705656 A1 19980820 - JUNO KUECHENTECH ELECTROLUX [DE]
- DE 102004032931 A1 20060202 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- DE 102004039434 A1 20060223 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Citation (search report)

- [Y] DE 102004032931 A1 20060202 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [Y] DE 102004039434 A1 20060223 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 0697568 A2 19960221 - ELECTROLUX AG [CH]
- [A] DE 202004019224 U1 20050224 - REHAU AG & CO [DE]
- [Y] GB 2201201 A 19880824 - BELLING & CO LTD
- [Y] DE 102004039432 A1 20060223 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

US12089778B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2177836 A1 20100421; EP 2177836 B1 20120704

DOCDB simple family (application)

EP 08018129 A 20081016