

Title (en)

Improved gasket of elastomer material in the form of a closed or open frame for cooking oven doors.

Title (de)

Geschlossener oder offener Rahmen für eine Backofentürdichtung aus Elastomermaterial.

Title (fr)

Joint de porte de four en élastomère ayant la forme d'un cadre fermé ou ouvert.

Publication

EP 0277098 A2 19880803 (EN)

Application

EP 88830024 A 19880120

Priority

- IT 2056387 U 19870121
- IT 2177887 U 19870611

Abstract (en)

A frame gasket is described for cooking oven doors, which comprises a tubular profile (1) with inner longitudinal cavity (2) and peripheral flange (3), having only one butt joint, if any, even if the frame is of the four-side closed type. Coupling metal inserts are provided for engagement into associate holes (12, 13) of the abutment surface (14) about an over opening. In a first embodiment said inserts are either L-shaped (5, 6), possibly of asymmetrical legs, with coupling tabs (9) for the corner bent portions of the frame, or formed as elongated metal plates (8) with spring-like prongs (9') for engagement into holes (13) of the rectilinear lengths. These prongs (9') and the coupling tabs protrude from the profile through slots (11) formed by removal of material. In a second embodiment the metal inserts (20) are all identical, formed of a longitudinal plate length (21) to be fitted into the cavity (2) and fonded at an end thereof with a hooked tab (22) projecting outwardly through a hole (27) of the profile, there being provided two of said insert members (20) at each corner region (25, 25') and one of them at each free end of the frame when it is open with three sides.

IPC 1-7

F24C 15/02

IPC 8 full level

F24C 15/02 (2006.01)

CPC (source: EP)

F24C 15/021 (2013.01)

Cited by

EP0851177A1; EP1591727A1; DE10131009C2; US5709390A; EP0859196A1; FR2730541A1; ES2139480A1; EP0757209A1; WO0163181A1; WO0129485A1; EP0992740A1; WO2008003708A3; WO2006003217A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0277098 A2 19880803; EP 0277098 A3 19881228; EP 0277098 B1 19920429; DE 3870467 D1 19920604; ES 2030899 T3 19921116

DOCDB simple family (application)

EP 88830024 A 19880120; DE 3870467 T 19880120; ES 88830024 T 19880120