

Title (en)

A COOKING OVEN, IN PARTICULAR A DOMESTIC COOKING OVEN

Title (de)

EIN GARGERÄT, INSBESONDERE EIN HAUSHALTSGARGERÄT

Title (fr)

UN FOUR DE CUISSON, N PARTICULIER UN FOUR DE CUISSON DOMESTIQUE

Publication

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Application

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Abstract (en)

[origin: WO2018130501A1] The present invention relates to a cooking oven (10), in particular a domestic cooking oven (10), comprising an oven cavity (12). The oven cavity (12) comprises a cavity wall (14), wherein an inner space of the oven cavity (12) is enclosed by said cavity wall (14). The oven cavity (12) comprises at least one cavity component (22, 27, 28, 32, 34, 36, 37, 40), said cavity component being a heating element, for example an electric heating element (32, 34, 36) or a gas burner, a side grid (27) for bearing a food stuff carrier (28), an oven cavity lamp (37) and/or a fan cover (40) for a heating fan (22), that is arranged inside the oven cavity (12) at the cavity wall (14). The cavity wall (14) comprises a section (15) at which at least one of said cavity component (22, 27, 28, 32, 34, 36, 37, 40) is arranged, wherein at least said section (15) of the cavity wall (14) has insufficient mechanical strength to bear said at least one cavity component (22, 27, 28, 32, 34, 36, 37, 40), so that said section (15) of the cavity wall (14) cannot bear the cavity component (22, 27, 28, 32, 34, 36, 37, 40). The cooking oven (10) comprises a bearing structure (50) that is arranged outside of the cavity wall (14), wherein said at least one cavity component (22, 27, 28, 32, 34, 36, 37, 40) that is arranged inside the oven cavity (14) at said section (15) of the cavity wall (14) having insufficient mechanical strength is connected or connectable to said bearing structure (50). Said section (15) of the cavity wall (14) with insufficient mechanical strength comprises at least one hole (17) for connecting said at least one cavity component (22, 27, 28, 32, 34, 36, 37, 40) that is arranged at said bearing structure (50).

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