

Title (en)

Cooking steam generator with drain device.

Title (de)

Dampferzeuger für Gargeräte mit Entwässerungseinrichtung.

Title (fr)

Générateur de vapeur d'eau pour appareil de cuisson, muni d'un dispositif de vidange.

Publication

EP 0451066 A1 19911009 (FR)

Application

EP 91420111 A 19910402

Priority

FR 9004608 A 19900404

Abstract (en)

The steam generator according to the invention is characterised by the presence of an intermediate duct (17) which admits the drain water into the lowest central part of the enclosure (1) of the generator and is connected to a vane pump (19), the output (20) of which delivers into an output duct (21) which rises to an upper elbow (28) and then descends to a drain duct (22). Heating tubes (8, 9, 10) bring about the evaporation of the water which they contain and the steam escapes into a horizontal upper duct (6) and then into a steam conduction duct (4). The generator finds application in particular in food cooking ovens. <IMAGE>

IPC 1-7

F22B 1/28; **F22B 37/50**

IPC 8 full level

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CPC (source: EP US)

F22B 1/284 (2013.01 - EP US); **F22B 37/50** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0451066 A1 19911009; **EP 0451066 B1 19951011**; AT E129065 T1 19951015; DE 69113671 D1 19951116; DE 69113671 T2 19960620; FR 2660733 A1 19911011; FR 2660733 B1 19950407; US 5223696 A 19930629

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