

Title (en)
Steam oven with fixed water distributor

Title (de)
Dampfofen mit festem Wasserverteiler

Title (fr)
Four à vapeur à répartiteur fixe de l'eau à vaporiser

Publication
EP 0942236 B1 20020703 (FR)

Application
EP 99420056 A 19990304

Priority
FR 9803218 A 19980309

Abstract (en)
[origin: EP0942236A1] The oven uses steam produced by water sprayed onto heating elements. It has a chamber enclosed by a peripheral wall and a door, an air circulating turbine (4) driven about a horizontal axis (5) and having peripheral vanes (6) to draw in an air flow (16), and a water feed (12). The water to generate the steam is distributed through the horizontal end (14) of the feed pipe parallel to the turbine axis and in a direction opposite to that of the suction air flow. The pipe end has at least one lengthwise outlet slit (21) in its side, with the water from it being deflected by a distribution plate (22) into the airflow.

IPC 1-7
F24C 15/32

IPC 8 full level
F24C 15/32 (2006.01)

CPC (source: EP)
F24C 15/327 (2013.01)

Cited by
FR2933767A1

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DOCDB simple family (publication)
EP 0942236 A1 19990915; EP 0942236 B1 20020703; CA 2265229 A1 19990909; CA 2265229 C 20070522; DE 69901975 D1 20020808; DE 69901975 T2 20030313; FR 2775760 A1 19990910; FR 2775760 B1 20000505; US 6023050 A 20000208

DOCDB simple family (application)
EP 99420056 A 19990304; CA 2265229 A 19990309; DE 69901975 T 19990304; FR 9803218 A 19980309; US 26500299 A 19990309