

Title (en)  
COOKING APPLIANCE COMPRISING A WATER SUPPLY

Title (de)  
GARGERÄT MIT WASSERZUFUHR

Title (fr)  
APPAREIL DE CUISSON A SYSTEME D'ALIMENTATION EN EAU

Publication  
**EP 1687570 A1 20060809 (DE)**

Application  
**EP 04819214 A 20041124**

Priority  
• EP 2004013329 W 20041124  
• DE 10355778 A 20031126

Abstract (en)  
[origin: US7728261B2] The invention relates to a cooking appliance (10) comprising a cooking chamber (11) with heating elements (12) and a water supply (30) that has a water outlet (33) and is fed by an outer water supply line (40). The water supply (30) is provided with at least one intermediate water storage tank (45) with a pre-determined inner volume (46) that can be filled with water and is fed by the outer water supply line. The filling and emptying of the inner volume (46) of the at least one intermediate water storage tank (45) can be temporarily blocked by means of a three-way valve or two-way valves. The water from the inner volume (33) of the at least one intermediate water storage tank (45) can be emptied via the water outlets (33) in order to generate steam in the cooking chamber (11). The emptying of said at least one intermediate water storage tank is especially periodical or clocked. The intermediate water storage tank can be embodied as a lifting cylinder that is filled and emptied by the lifting movement of a piston (48).

IPC 8 full level  
**F24C 15/00** (2006.01); **A21B 3/04** (2006.01); **A47J 27/04** (2006.01); **A47J 27/14** (2006.01); **A47J 27/16** (2006.01); **A47J 39/00** (2006.01); **F24C 15/32** (2006.01); **G01F 11/04** (2006.01)

CPC (source: EP US)  
**F24C 15/327** (2013.01 - EP US)

Cited by  
WO2020074306A1; DE102018124764B4; EP2860458A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005052452 A1 20050609**; AT E437340 T1 20090815; DE 502004009796 D1 20090903; EP 1687570 A1 20060809; EP 1687570 B1 20090722; US 2007084454 A1 20070419; US 7728261 B2 20100601

DOCDB simple family (application)  
**EP 2004013329 W 20041124**; AT 04819214 T 20041124; DE 502004009796 T 20041124; EP 04819214 A 20041124; US 57986004 A 20041124