

Title (en)
AN OVEN WITH STEAM COOKING FUNCTION

Title (de)
OFEN MIT DAMPFKOCHFUNKTION

Title (fr)
FOUR À FONCTION DE CUISSON À LA VAPEUR

Publication
EP 4276366 A1 20231115 (EN)

Application
EP 23165447 A 20230330

Priority
TR 202207777 A 20220513

Abstract (en)
The present invention relates to an oven (1) comprising a body (2) wherein the foodstuffs to be cooked are placed; a casing which surrounds the body (2); a water tank (11) which is disposed between the casing and the body (2) and which is filled with water; a pipe (5) with one end opening into the water tank (11) and the other opening into the body (2) and which provides the transfer of water vapor into the body (2); a valve (3) which is disposed on the pipe (5) and which provides the delivery of the water vapor into the body (2) in a controlled manner; and a shape memory spring mechanism (4) which enables the valve (3) to open/closed according to the temperature in the body (2).

IPC 8 full level
F24C 15/32 (2006.01)

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

Citation (applicant)
• US 2005284460 A1 20051229 - FITZSIMONS ROBERT [US], et al
• US 6966582 B1 20051122 - MALONE CHARLES F [US], et al

Citation (search report)
• [XAI] US 2014013963 A1 20140116 - HOFFMANN OLIVIER [FR], et al
• [XAI] CN 213129186 U 20210507 - JOYOUNG CO LTD
• [A] WO 2017116352 A1 20170706 - ARCELIK AS [TR]
• [A] FR 2678359 A1 19921231 - SOREMAM [FR]

Designated contracting state (EPC)
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