

Title (en)  
COOKING APPLIANCE AND METHOD FOR CONTROLLING SAME

Title (de)  
KOCHGERÄT UND VERFAHREN ZUR STEUERUNG DAVON

Title (fr)  
APPAREIL DE CUISSON ET SON PROCÉDÉ DE COMMANDE

Publication  
**EP 4175413 A1 20230503 (EN)**

Application  
**EP 22201659 A 20221014**

Priority  
• KR 20210146154 A 20211028  
• KR 20220001811 A 20220105

Abstract (en)  
A cooking appliance is proposed. In the cooking appliance, a casing (100, 200) has a cavity (S) therein, and a first heat source module (400) emitting microwaves is arranged at a side surface of the casing (100, 200). Then, a second heat source module (500) emitting magnetic fields is arranged at a bottom surface of the casing (100, 200), a third heat source module (600) generating radiant heat is arranged at an upper portion of the casing (100, 200). The first, second, and third heat source modules (400, 500, and 600) are operated simultaneously or alternately.

IPC 8 full level  
**H05B 6/64** (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP)  
**H05B 6/647** (2013.01); **H05B 6/6482** (2013.01); **H05B 6/6488** (2013.01); **H05B 6/687** (2013.01)

Citation (applicant)  
• KR 20220001811 A 20220106 - UNIV YONSEI IACF [KR]  
• US 6987252 B2 20060117 - GRAVES TODD VINCENT [US], et al  
• KR 20180115981 A 20181024 - SK MAGIC CO LTD [KR]  
• KR 20210107487 A 20210901 - LG ELECTRONICS INC [KR]

Citation (search report)  
• [XYI] JP 2003157964 A 20030530 - MATSUSHITA ELECTRIC IND CO LTD  
• [XYI] GB 2445524 A 20080709 - SANYO ELECTRIC CO [JP]  
• [I] GB 2237487 A 19910501 - BROTHER IND LTD [JP]  
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• [Y] JP 2911425 B2 19990623  
• [Y] GB 2106374 A 19830413 - SHARP KK [JP]

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA

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