

Title (en)  
KITCHEN OVEN WITH COUNTER-ROTATING FANS

Title (de)  
KÜCHENHERD MIT GEGENLÄUFIGEN VENTILATOREN

Title (fr)  
FOUR DE CUISINE DOTÉ DE VENTILATEURS CONTRAROTATIFS

Publication  
**EP 4235039 A1 20230830 (EN)**

Application  
**EP 22425008 A 20220225**

Priority  
EP 22425008 A 20220225

Abstract (en)  
A kitchen oven comprising: a cooking compartment (2), a ventilation compartment (10) behind said cooking compartment (2); a cover (7) separating the cooking compartment (2) and the ventilation compartment (10); at least one electrical resistor (12) arranged within said ventilation compartment (10); at least two fans (11a; 11b) arranged within said ventilation compartment (10) and designed to simultaneously move with opposite circular motions, thereby generating a fluid circulation inside the ventilation compartment (10) between inlet openings, which are in front of said fans (11a; 11b), and outlet openings, which are radially offset from said fans (11a; 11b); wherein the ventilation compartment (10) is a single volume and the total surface of the outlet openings is smaller than the total surface of the inlet openings.

IPC 8 full level  
**F24C 15/32** (2006.01)

CPC (source: EP)  
**F24C 15/325** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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