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)
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