

Title (en)

AN EXHAUST HOOD WITH IMPROVED AUTOMATIC OPERATION PERFORMANCE

Title (de)

DUNSTABZUGSHAUBE MIT VERBESSERTER AUTOMATISCHER BETRIEBSLEISTUNG

Title (fr)

HOTTE D'ASPIRATION À PERFORMANCE DE FONCTIONNEMENT AUTOMATIQUE AMÉLIORÉE

Publication

EP 4276364 A1 20231115 (EN)

Application

EP 23165418 A 20230330

Priority

TR 202207774 A 20220513

Abstract (en)

The exhaust hood (1) of the present invention is positioned above cooking devices (8) such as cookers, countertop cookers and ovens so as to provide the removal of odor, smoke and moisture which occur during the cooking process, and comprises a body (2); a suction channel (3) which is provided in the body (2); at least one fan (4) which is provided in the suction channel (3); a casing (9) which protects the suction channel (3) and the fan (4) from external factors; at least one first temperature sensor (5) which is provided on the exhaust hood (1) and which detects the ambient temperature; at least two second temperature sensors (6) which detect the temperature of the air rising from the cooking device (8) or the cooking vessel thereon and which are disposed on the flow path of the air sucked into the suction channel (3); and a control unit (7) which enables the exhaust hood (1) to automatically operate according to the information received from the first and second temperature sensors (5 and 6) and which also enables the operation level to be automatically adjusted, and the first temperature sensor (5) is disposed on the spacer (10) between the suction channel (3) and the casing (9).

IPC 8 full level

F24C 15/20 (2006.01)

CPC (source: EP)

F24C 15/2021 (2013.01)

Citation (applicant)

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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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4276364 A1 20231115

DOCDB simple family (application)

EP 23165418 A 20230330