

Title (en)

Improvement in the ventilation arrangement of a fume extractor hood

Title (de)

Verbesserungen an der Entlüftungsanordnung einer Rauchabzugshaube

Title (fr)

Amélioration dans l'agencement de ventilation d'une hotte d'extraction de fumée

Publication

**EP 2088377 A3 20140917 (EN)**

Application

**EP 09004438 A 20070726**

Priority

- EP 07113229 A 20070726
- IT PN20060058 A 20060727

Abstract (en)

[origin: EP1887286A2] A fume extractor hood comprises a planar horizontal top member adapted to collect vapours and gases flowing up from a worktop, such as a cooktop, extending therebelow, a suction conduit that is open in the middle region thereof, first suction means associated to said suction conduit, ventilation means adapted to impart a whirling motion about a vertical axis to the mixture of air and other gases contained inside a cylindrical member, wherein said ventilation means comprise an internally hollow cylindrical member extending vertically downwards, a peripheral edge of which is placed on the outer edge of said planar horizontal top member, and a plurality of outflow channels distributed over the internal cylindrical wall of said cylindrical member, these channels being oriented vertically and provided with a plurality of respective outflow ports; such outflow ports are oriented so that the respective air flows are directed in a horizontal direction and with a limited inclination relative to the tangent to the circumference of the cylindrical member.

IPC 8 full level

**F24C 15/20** (2006.01); **F24F 7/08** (2006.01); **F24F 7/00** (2006.01)

CPC (source: EP)

**F24C 15/20** (2013.01)

Citation (search report)

- [XD] JP H02183750 A 19900718 - SEIBU DENKI KOGYO KK
- [AD] JP 2004332967 A 20041125 - HORI FUJIO
- [A] JP 2000266385 A 20000929 - DAIKIN IND LTD

Cited by

KR20220089010A; KR20220157350A; CN106594826A; CN106594834A; CN106439964A; CN108105824A; CN102954514A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1887286 A2 20080213**; **EP 1887286 A3 20080716**; **EP 1887286 B1 20141119**; EP 2088377 A2 20090812; EP 2088377 A3 20140917; EP 2088377 B1 20170628; IT PN20060058 A1 20080128

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