

Title (en)

Suction hood for fumes, especially for domestic kitchens, with large collection area.

Title (de)

Dunstabzugshaube für Küchen mit grosser Gassammelfläche.

Title (fr)

Hotte aspirante de cuisine à grande surface de collection de fumées.

Publication

EP 0301640 A1 19890201 (EN)

Application

EP 88201531 A 19880715

Priority

IT 2145287 A 19870727

Abstract (en)

The suction hood for fumes, especially for domestic kitchens, according to this invention possesses a centrifugal rotor with vertical axis, closed at the bottom, keyed to the shaft of a motor supported with its axis vertical inside a suction opening present in the upwardly facing wall of a spiral guide shell of increasing cross-section, leading to a discharge duct and/or a recirculation grill, which guide shell possesses a closed bottom wall, situated above the bottom wall, having apertures and facing the collection area of the hood of an external casing, which encloses and supports the guide shell, and defines, above the guide shell itself, a zone communicating with its suction opening, there being also present a discharge duct equipped with sound absorption means.

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F24C 15/20

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] FR 1290517 A 19620413 - ELM WORKS LTD
- [A] FR 2077027 A5 19711015 - BERGMARK NILS
- [A] FR 2346643 A1 19771028 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 6900973 U 19690529 - GAGGENAU EISENWERK [DE]

Cited by

EP0640798A1; CN110440321A; CN102620332A; DE102015213471A1; EP0559080A1; CN104676698A; EP3163175A1; ITUB20154759A1; WO2006081884A1; DE102015213471B4

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