

Title (en)

METHOD AND DEVICE FOR EXHAUST FUMES

Publication

**EP 0401583 B1 19930811 (DE)**

Application

**EP 90109564 A 19900519**

Priority

DE 3918870 A 19890609

Abstract (en)

[origin: EP0401583A1] In a fume extractor hood (5) for cooking areas or other sources of dust or fumes, a blower nozzle arrangement (26) is provided on the front edge (27) of the hood which directs blown air (22) in the form of a wall jet approximately horizontally over the underside of the hood (28) against a filter (17) arranged in the rear hood region, so that the wall jet aspirates and entrains the flow of fumes. In a specific embodiment of the fume extractor hood, a downward-directed swirl nozzle (38) is provided on the underside of the front wall of the hood and generates a turbulent flow (37) which enters the flow of blown air. <IMAGE>

IPC 1-7

**F24C 15/20**

IPC 8 full level

**F24C 15/20** (2006.01); **F24F 7/06** (2006.01)

CPC (source: EP US)

**F24C 15/20** (2013.01 - EP US)

Cited by

DE102012012551A1; EP1778418A4; NL2011635C2; WO2013189598A1; US10082299B2; WO2008148712A3; US10184669B2; US11242999B2; US10302307B2; US10471482B2; DE202016004286U1; WO2018010971A1; EP0491146B1

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