

Title (en)
Low-noise fume extracting hood

Title (de)
Geräuschreduzierte Dunstabzugshaube

Title (fr)
Hotte d'évacuation de fumées à bruit réduit

Publication
EP 0716272 B1 20000119 (DE)

Application
EP 95118837 A 19951130

Priority
DE 4443176 A 19941205

Abstract (en)
[origin: EP0716272A2] The hood has a casing with filter, induction aperture and output aperture partly covered with soundproofing material, and a fan in the casing. Sound-proof material (20, 21) is fitted in the casing, at least opposite each input aperture (32, 33) of the fan (30) in the casing (10). The sound-proof material is spaced away from the opposite input aperture by at least half the radius of the fanwheel (37). The sound-proof material opposite a single input aperture has a surface of at least as large as that of a disc of the same radius as the fanwheel.

IPC 1-7
F24C 15/20

IPC 8 full level
F24C 15/20 (2006.01)

CPC (source: EP US)
F24C 15/20 (2013.01 - EP US); **Y10S 454/906** (2013.01 - EP)

Citation (examination)
GB 1018084 A 19660126 - SOUND CONTROL LTD

Cited by
CN104913359A; CN110822504A; DE102007019518A1; CN111396956A; IT201600102040A1; EA035806B1; US11097828B2; US11721352B2; WO2018069813A1; US10814966B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 4443176 C1 19960502; DE 59507646 D1 20000224; EP 0716272 A2 19960612; EP 0716272 A3 19970326; EP 0716272 B1 20000119; US 5720274 A 19980224

DOCDB simple family (application)
DE 4443176 A 19941205; DE 59507646 T 19951130; EP 95118837 A 19951130; US 56684595 A 19951204