

Title (en)  
FUME HOOD

Publication  
**EP 0088313 B1 19851121 (DE)**

Application  
**EP 83101890 A 19830225**

Priority  
DE 3208622 A 19820310

Abstract (en)  
[origin: US4550650A] The hood for the extraction of gases, vapors and suspended matter comprises a hood casing, a supply air feed device and one or more suction outlets. It serves preferably as a laboratory hood. In the vicinity of the front suction inlet is provided at least one nozzle ledge for the supply air, whose outlet port is directed in the plane of the front suction inlet. At least one suction outlet is provided, which extracts in the direction of the axis of the vortex flow. According to a preferred embodiment, there are two suction outlets and two facing nozzle ledges. The nozzle ledges can have a rectangular cross-section, the front side being constructed as an outlet port. There is a constant reduction in the nozzle cross-section.

IPC 1-7  
**B08B 15/02**

IPC 8 full level  
**B01L 1/00** (2006.01); **B08B 15/00** (2006.01); **B08B 15/02** (2006.01)

CPC (source: EP US)  
**B08B 15/023** (2013.01 - EP US); **B08B 2215/003** (2013.01 - EP US)

Cited by  
FR2619733A1; EP2277635A3

Designated contracting state (EPC)  
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0088313 A1 19830914; EP 0088313 B1 19851121; EP 0088313 B2 19910619**; AT E16571 T1 19851215; DE 3208622 C1 19831215; DK 116283 A 19830911; DK 116283 D0 19830310; JP H035852 B2 19910128; JP S58223444 A 19831226; NO 161897 B 19890703; NO 161897 C 19891011; NO 830828 L 19830912; US 4550650 A 19851105; US 4622888 A 19861118

DOCDB simple family (application)  
**EP 83101890 A 19830225**; AT 83101890 T 19830225; DE 3208622 A 19820310; DK 116283 A 19830310; JP 3838883 A 19830310; NO 830828 A 19830309; US 47181783 A 19830303; US 71276985 A 19850318