

Title (en)  
FUME HOOD

Title (de)  
RAUCHABZUG

Title (fr)  
HOTTE DE LABORATOIRE

Publication  
**EP 3099429 A1 20161207 (EN)**

Application  
**EP 15707179 A 20150130**

Priority  
• PT 10743414 A 20140130  
• IB 2015050717 W 20150130

Abstract (en)  
[origin: WO2015114582A1] Low-flow fume hood suitable for reducing the amount of airflow required for adequate isolation and extraction for a laboratory workstation comprising: a housing; a movable front window (9) movably connected to the housing; one or more air exhaust outlets for connecting air flow to one or more extract fans; a first air inlet profile (8) for connecting air flow from one or more inlet fans, wherein the first air inlet profile is arranged substantially horizontal and at the upper edge of the front window opening; baffle or baffle assembly (12,13) mounted adjacent to the rear wall of the housing for providing a directed and vertically controlled air flow to the air exhaust outlets; wherein said first air inlet profile comprises two rows of ejectors, spaced at intervals along said first air inlet profile and each row of ejectors is directed respectively along two different planar directions into the inside of the fume hood.

IPC 8 full level  
**B08B 15/02** (2006.01); **B01L 9/02** (2006.01)

CPC (source: EP US)  
**B08B 15/023** (2013.01 - EP US); **B01L 1/00** (2013.01 - EP US); **B08B 2215/003** (2013.01 - EP)

Citation (search report)  
See references of WO 2015114582A1

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