

Title (en)
FUME CUPBOARD

Title (de)
ABZUG

Title (fr)
HOTTE FERMEE

Publication
EP 1444057 B1 20110706 (DE)

Application
EP 02754996 A 20020814

Priority
• DE 10146000 A 20010918
• EP 0209141 W 20020814

Abstract (en)
[origin: US2004242143A1] A cabinet with a housing, in which a working chamber (3) is located which is open on one side. In order to reduce the risk of a blow-out of harmful substances and in particular to avoid dead-space areas at the internal surfaces of the side walls and the bottom of the working chamber (3), devices are provided which blow in supply-air jets (21, 22) at an acute angle to the internal surfaces of working chamber (3) in such a way that these supply-air jets (21, 22) lie next to the internal surfaces. Furthermore, an upper free jet (18) ensures that light gases, which form in working chamber (3) above this supporting jet (18), are reliably contained in the upper area of the cabinet and cannot contaminate the lower working area.

IPC 8 full level
B08B 15/02 (2006.01); **F24F 7/08** (2006.01); **B08B 5/02** (2006.01); **B08B 17/02** (2006.01); **F24F 9/00** (2006.01)

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

Cited by
DE102012105132A1; DE102013215667A1; DE102013215667B4; DE102020132826B3; DE102016125891A1; WO2018122304A1;
DE102016125890A1; WO2018122302A1

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