

Title (en)
CLEANSING HOOD FOR GASEOUS FLUIDS

Publication
EP 0046137 B1 19850109 (FR)

Application
EP 81810313 A 19810803

Priority
CH 599380 A 19800807

Abstract (en)
[origin: EP0046137A1] 1. Cleansing hood for gaseous fluids, comprising an exterior housing (1), a motor (5) driving a rotor (13) adapted to generate simultaneously a ventilation function and a purifying function of polluting solid and liquid particles suspended in the fluid to be purified, characterized by the fact that the polluting particles are removed by adsorption on corrugated surfaces which make up said rotor, such as to produce a turbulent flow around these surfaces and to constrain said flow to sweep over the said surfaces without passing through them, the rotor being followed by a filter (21) designed to neutralize or transform the undesirable gaseous components contained in said fluid flow following the purification effected by the rotor.

IPC 1-7
B08B 15/02; **F24C 15/20**

IPC 8 full level
B01D 46/52 (2006.01); **B01D 49/00** (2006.01); **B01D 53/34** (2006.01); **B01D 53/77** (2006.01); **B08B 15/02** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)
B08B 15/02 (2013.01); **F24C 15/20** (2013.01)

Cited by
EP0327507A3; DE102017100415A1; CN104930568A; CN106895457A; US6024775A; GB2210448A; GB2210448B; FR2761620A1; FR3037385A1; DE29513292U1; US4469084A; FR2546610A1; GB2371768A; GB2371768B; EP0718023A1; FR2728179A1; CN102654292A; CN104949178A; EP3686496A1

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