Title (en)

Static/dynamic gas extraction device

Title (de)

Statische/dynamische Vorrichtung zum Absaugen von Gasen

Title (fr)

Dispositif mixte, statique/dynamique pour l'evacuation de fluides gazeux

Publication

EP 0972991 A1 20000119 (FR)

Application

EP 99401800 A 19990716

Priority

FR 9809163 A 19980717

Abstract (en)

The extractor consists of coaxial upper (2) and lower (3) members separated by spacers (4) and with the lower member mounted on the upper end of a duct (7). The base (11) of the upper member has an axial cavity (25) containing a centrifugal turbine comprising a motor with a stator (23) and rotor (26) and one or more blades (24), the lower edges (27) of which lie flush with the bottom of the cavity.

Abstract (fr)

L'invention concerne un dispositif (1) mixte, statique/dynamique pour l'évacuation de fluide gazeux, comprenant d'une part un élément supérieur (2) et d'autre part un élément inférieur (3), superposés, coaxiaux, rigidement fixés l'un à l'autre par des entretoises (4) de liaison. Le dispositif (1) comporte de plus une cavité axiale 25) ouverte vers un espace (8) abritant les pales (24) d'une turbine centrifuge à rotor (26) et stator (23) localisés dans la cavité axiale (25). <IMAGE>

IPC 1-7

F23L 17/00; F24F 7/02

IPC 8 full level

F23L 17/00 (2006.01); **F23L 17/02** (2006.01); **F24F 7/02** (2006.01)

CPC (source: EP)

F23L 17/005 (2013.01); **F23L 17/02** (2013.01); **F24F 7/025** (2013.01)

Citation (search report)

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