

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)

- [DY] FR 2709534 A1 19950310 - AMPHOUX ANDRE [FR]
- [YA] FR 2209410 A5 19740628 - TECHNICAIR SA [CH]
- [A] FR 2711770 A1 19950505 - ZANIEWSKI MICHEL [FR]
- [DA] EP 0416999 A1 19910313 - AMPHOUX ANDRE [FR]
- [A] FR 404895 A 19091214 - KARL MAXANER [DE]
- [A] DE 2557762 A1 19770630 - BUETTNER SCHILDE HAAS AG
- [A] FR 2092177 A5 19710121 - TECHNICAIR SA

Cited by

FR2842585A1; CN110252067A; EP1120610A3; FR3019273A1; EP2937643A1; FR2926129A1; WO2006004450A3; EP2853830A1; EP3477215A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0972991 A1 20000119; EP 0972991 B1 20030521**; AT E241113 T1 20030615; CZ 2001218 A3 20020213; CZ 300729 B6 20090729; DE 69908031 D1 20030626; FR 2781278 A1 20000121; FR 2781278 B1 20000929; HU 227786 B1 20120228; HU P0103179 A2 20011228; HU P0103179 A3 20020328; PL 193456 B1 20070228; PL 345674 A1 20020102; RU 2222753 C2 20040127; WO 0004323 A1 20000127

DOCDB simple family (application)

**EP 99401800 A 19990716**; AT 99401800 T 19990716; CZ 2001218 A 19990716; DE 69908031 T 19990716; FR 9809163 A 19980717; FR 9901742 W 19990716; HU P0103179 A 19990716; PL 34567499 A 19990716; RU 2001101904 A 19990716