

Title (en)

Device for drawing off a gas through a conduit for venting it

Title (de)

Gerät zum Absaugen eines Gases aus einer Leitung um es abzuführen

Title (fr)

Dispositif pour aspirer un fluide gazeux à travers un conduit pour le rejeter à l'extérieur de celui-ci

Publication

**EP 0772003 B1 20000426 (FR)**

Application

**EP 96402337 A 19961104**

Priority

FR 9513036 A 19951103

Abstract (en)

[origin: EP0772003A1] The ejection system consists of an essentially straight duct section (4) situated above the main outlet duct (2), and nozzles (8) for injecting a drive gas into it from a gas generator (3). The nozzles are situated at some distance from the open end of the additional duct section, which is topped by a static or static/mechanical extractor (7). The distance between the nozzles and the open end of the additional duct section is equivalent to 0.1-20 per cent of the length of the main duct, and preferably some 10 per cent, or about 1 m. The output of the nozzles is between 20-100 per cent of the nominal gas flow through the main duct, and has a flow rate of 10-100 m/s and especially 20-60 m/s.

IPC 1-7

**F23L 17/16**; **F23L 17/00**; **F23L 17/08**; **F24F 7/02**

IPC 8 full level

**F23L 17/00** (2006.01); **F23L 17/08** (2006.01); **F23L 17/16** (2006.01); **F24F 7/02** (2006.01)

CPC (source: EP)

**F23L 17/005** (2013.01); **F23L 17/08** (2013.01); **F23L 17/16** (2013.01); **F24F 7/025** (2013.01)

Cited by

NL1035667C2; NL1035369C2; EP0878664A1; FR2763387A1; CN106132509A; FR2869976A1; FR2776758A1; EP1845175A1; AU2007237131B2; US10092671B2; WO2007116320A3; WO2015121820A1; WO2005116526A1; WO2010044055A1; EP2853830A1; EP3477215A1

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