

Title (en)

METHOD FOR DILUTING A GAS, OR MIXTURE OF GASES, WITH AIR BEFORE DISCHARGE TO ATMOSPHERE

Publication

EP 0149574 B1 19871104 (FR)

Application

EP 85400050 A 19850111

Priority

FR 8400525 A 19840113

Abstract (en)

[origin: EP0149574A2] 1. A method of diluting a gas or a mixture of gases with air before discharge to atmosphere, by means of a device comprising a shaped body (20) forming a venturi which is open to the atmosphere at both ends, said gas or mixture of gases being injected under pressure at the upstream end thereof, method characterised in that said gas or mixture of gases is injected into said body in the form of a layer of annular cross-section by means of at least one set of injection tubes (21), the circular orifices (24) of which are arranged in a ring at the upstream part of said body (20) forming a venturi.

IPC 1-7

B01F 5/04; B01F 3/02; F23J 15/00

IPC 8 full level

B01F 23/10 (2022.01); **F23J 15/00** (2006.01)

CPC (source: EP)

B01F 25/311 (2022.01)

Cited by

CN108518682A; US2015174360A1; EP3462088A1; WO0074831A1

Designated contracting state (EPC)

AT BE DE GB IT NL SE

DOCDB simple family (publication)

EP 0149574 A2 19850724; **EP 0149574 A3 19850911**; **EP 0149574 B1 19871104**; AT E30518 T1 19871115; DE 3560859 D1 19871210; FR 2558071 A1 19850719; NO 850110 L 19850715

DOCDB simple family (application)

EP 85400050 A 19850111; AT 85400050 T 19850111; DE 3560859 T 19850111; FR 8400525 A 19840113; NO 850110 A 19850110