

Title (en)

Use of an air injection device for a forced-draught burner for cleaning an air-blower

Title (de)

Verwendung einer Lufteinspritzvorrichtung für Gebläsebrenner zum Reinigen eines Gebläses

Title (fr)

Utilisation, pour le nettoyage d'un ventilateur, d'un dispositif d'injection d'air pour brûleur à air soufflé

Publication

EP 0736733 B1 19990714 (FR)

Application

EP 96420112 A 19960403

Priority

FR 9504432 A 19950407

Abstract (en)

[origin: EP0736733A2] The air outlet of the ventilator (3) and the air inlet of the duct (7) have a thin diaphragm (29) between them. The diaphragm is of a thermally insulating material which is relatively rigid. The centre of the diaphragm is pierced by a calibrated opening (31) to allow passage of a controlled amount of blown air (D1) which is guided by a circuit (6) towards the burners. Around the calibrated opening the diaphragm has a plane surface (33) to deflect back a part of the airflow towards the ventilator. The diaphragm can be inserted between flanges on the joint.

IPC 1-7

F23D 14/36

IPC 8 full level

F23D 14/36 (2006.01)

CPC (source: EP)

F23D 14/36 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0736733 A2 19961009; EP 0736733 A3 19970423; EP 0736733 B1 19990714; AT E182206 T1 19990715; DE 69603213 D1 19990819; FR 2732753 A1 19961011; FR 2732753 B1 19980522

DOCDB simple family (application)

EP 96420112 A 19960403; AT 96420112 T 19960403; DE 69603213 T 19960403; FR 9504432 A 19950407