

Title (en)

Fan assembly for extracting fumes, in particular for a pellet stove

Title (de)

Gebläsevorrichtung zum Rauchabsaugen, insbesondere für ein Ofen für Brennstoffpellets

Title (fr)

Ventilateur pour l'extraction de fumées, en particulier pour un poêle à combustibles en pastilles

Publication

EP 2169236 B1 20120704 (EN)

Application

EP 09010912 A 20090826

Priority

- IT TO20080702 A 20080924
- IT TO20080960 A 20081222

Abstract (en)

[origin: EP2169236A1] A fan assembly (1) is described, in particular for pellet stoves, comprising at least one fan (9), preferably made of an aluminium alloy, equipped with at least one vane (20) with a curved shape with respect to the rotation axis of the fan (9); two closing plates (11, 15) each equipped with a respective hole (12) inside which a driving shaft (4) of an actuating motor (3) of the fan assembly (1) passes, an insulating gasket element (13) placed inside the plates (11, 15), and a plane disc (14) keyed-in or free of rotating with a reduced clearance around the shaft (4) of the motor (3); an active cooling element of the motor (3) and a tachometric system (5).

IPC 8 full level

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CPC (source: EP)

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