

Title (en)

Ventilator and method for controlling the air flow through a ventilator

Title (de)

Ventilator-Anlage und Verfahren zur Regelung des Luftstroms einer Ventilator-Anlage

Title (fr)

Ventilateur et methode pour commander le flux d'air d'un ventilateur

Publication

EP 1530109 B1 20080312 (DE)

Application

EP 04017423 A 20040723

Priority

SG 2003065620 A 20031105

Abstract (en)

[origin: EP1530109A2] A pair of guide baffles (28) extend inward from a lower end of one side towards the outlet opening. An air channel is formed between the guide baffles and a mounting (14) to which the fan blower (12) is set. The air flow channel creates a construction on air flow to raise air pressure within the air flow channel to create mono-directional air flow in the channel and through the outlet opening. An independent claim is also included for a control method for air flow.

IPC 8 full level

F04D 29/42 (2006.01); **F04D 17/16** (2006.01); **F04D 29/66** (2006.01); **G05D 7/00** (2006.01); **G05D 7/06** (2006.01)

CPC (source: EP US)

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EP 1530109 A2 20050511; **EP 1530109 A3 20060118**; **EP 1530109 B1 20080312**; CN 1614243 A 20050511; DE 502004006474 D1 20080424; SG 142128 A1 20080528; US 2005092544 A1 20050505

DOCDB simple family (application)

EP 04017423 A 20040723; CN 200410074234 A 20040903; DE 502004006474 T 20040723; SG 2003065620 A 20031105; US 87763204 A 20040625