

Title (en)

Blower motor cooling arrangement.

Title (de)

Kühlvorrichtung für Ventilatormotor.

Title (fr)

Dispositif de refroidissement pour le moteur d'un ventilateur.

Publication

EP 0053703 A2 19820616 (EN)

Application

EP 81108910 A 19811026

Priority

US 21326080 A 19801205

Abstract (en)

An induced draft type of furnace or heating system (10) is operated with a fan (31) that draws cooling air through the motor (24) that operates the fan or blower. The cooling air is drawn through passage means (23, 27, 29, 35) in the motor and then into the vent stack (11) of the furnace where the cooling air is mixed with the flue products and the mixture is forced out of the vent stack of the furnace.

IPC 1-7

F23L 17/00; F04D 25/08

IPC 8 full level

F23L 17/16 (2006.01); **F04D 25/08** (2006.01); **F23L 17/00** (2006.01); **H02K 9/06** (2006.01)

CPC (source: EP)

F04D 25/082 (2013.01); **F04D 29/5806** (2013.01); **F23L 17/005** (2013.01)

Cited by

FR3012540A1; GB2172981A; US5375651A; FR3047524A1; EP0191644A3; US5070772A; EP1515416A1; FR2859579A1; WO2016039890A3; EP2594847A1; US9599339B2; US11209006B2

Designated contracting state (EPC)

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DOCDB simple family (application)

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