

Title (en)  
Ventilator with integrated control valve

Title (de)  
Radialgebläse mit integriertem Regelventil

Title (fr)  
Ventilateur doté d'une soupape de régulation intégrée

Publication  
**EP 2048439 B1 20140618 (DE)**

Application  
**EP 07020007 A 20071012**

Priority  
EP 07020007 A 20071012

Abstract (en)  
[origin: EP2048439A1] The radial fan (1) comprises a housing (2) in which a radial fan wheel is arranged, and with a regulating valve (3) for regulating the amount of gas. The regulating valve comprises a valve seat (4). The valve seat of the regulating valve is formed from a part of the housing. The valve seat is formed in the interior of the housing.

IPC 8 full level  
**F23D 14/36** (2006.01); **F23D 14/62** (2006.01)

CPC (source: EP US)  
**F23D 14/36** (2013.01 - EP US); **F23D 14/62** (2013.01 - EP US); **F23N 2233/06** (2020.01 - EP US); **Y10T 137/85986** (2015.04 - EP US)

Citation (examination)  
WO 2008135030 A2 20081113 - SAIA BURGESS DRESDEN GMBH [DE], et al

Cited by  
DE102012102646A1; US2018058689A1; CN105247287A; AU2013218536B2; CN106958812A; US10274195B2; US9657946B2; US9835265B2; US10503181B2; WO2014135365A1; US9841122B2; US11073281B2; US9851103B2; US10851993B2; DE102013102354A1; US9810429B2; US9683674B2; US10215291B2; US10697815B2; DE102012102645A1; WO2013143799A1; US9416888B2; US9645584B2; US10203049B2; US10422531B2; US11421875B2; US9846440B2; US10564062B2; WO2013143800A2; US9371931B2; US9995486B2; US10024439B2; US10697632B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2048439 A1 20090415; EP 2048439 B1 20140618**; CA 2699809 A1 20090423; CN 101802498 A 20100811; CN 101802498 B 20120704; JP 2011501087 A 20110106; JP 5538228 B2 20140702; KR 20100069665 A 20100624; US 2010269931 A1 20101028; US 8596957 B2 20131203; WO 2009049694 A1 20090423

DOCDB simple family (application)  
**EP 07020007 A 20071012**; CA 2699809 A 20080630; CN 200880111506 A 20080630; EP 2008005322 W 20080630; JP 2010528280 A 20080630; KR 20107007331 A 20080630; US 68265408 A 20080630