

Title (en)
A CEILING FAN

Title (de)
DECKENVENTILATOR

Title (fr)
VENTILATEUR DE PLAFOND

Publication
EP 2567457 A4 20170621 (EN)

Application
EP 10851033 A 20100503

Priority
IB 2010000990 W 20100503

Abstract (en)
[origin: WO2011138626A1] A ceiling fan comprising: an EC motor to drive a plurality of fan blades, a motor controller configured to determine the rotor position using the back EMF and configured to energise the motor according to the rotor position and predetermined instructions. Also a method of controlling a ceiling fan.

IPC 8 full level
H02P 6/182 (2016.01); **H02M 1/44** (2007.01); **H02P 6/00** (2016.01)

CPC (source: EP)
H02P 6/182 (2013.01)

Citation (search report)
• [IY] US 2009167220 A1 20090702 - KANAMORI ATSUSHI [JP]
• [Y] US 2006113952 A1 20060601 - ZHOU GEORGE [CA], et al
• [Y] US 5233275 A 19930803 - DANINO ELI [US]
• [Y] US 2006186843 A1 20060824 - HATTORI MAKOTO [JP], et al
• [Y] US 6170241 B1 20010109 - SHIBILSKI JOHN [US], et al
• [A] US 2005041360 A1 20050224 - DETTWEILER DAVID A [US]
• [Y] US 2009058336 A1 20090305 - NARUMI SATOSHI [JP], et al
• See references of WO 2011138626A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2011138626 A1 20111110; AU 2010352685 A1 20121011; AU 2010352685 B2 20150924; BR 112012028161 A2 20190924; CA 2794426 A1 20111110; CN 103155402 A 20130612; EP 2567457 A1 20130313; EP 2567457 A4 20170621; JP 2013526260 A 20130620; MX 2012012752 A 20121121; SG 184802 A1 20121129

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