

Title (en)
AXIAL FAN

Title (de)
AXIAL - VENTILATOR

Title (fr)
VENTILATEUR AXIAL

Publication
EP 2932104 B1 20181010 (DE)

Application
EP 13759430 A 20130806

Priority
• DE 102012015358 A 20120806
• DE 202013100976 U 20130306
• DE 2013100283 W 20130806

Abstract (en)
[origin: DE102012015358A1] The fan has moving blades (11) comprising an aerofoil, where orientation of the moving blades is adjustable on a running wheel hub (10). The moving blades are rotatable around a longitudinal axis and supported over spars (12) at the running wheel hub. A bevel pinion (13) is arranged at the spars of the moving blades. The bevel pinion is engaged with bevel gears (14) and planetary gears on an adjustable drive shaft (15), where restoring moment of the moving blades is partially compensated by balance weights (25).

IPC 8 full level
F04D 29/36 (2006.01)

CPC (source: EP)
F04D 29/362 (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202013100976 U1 20131113; DE 102012015358 A1 20140206; EP 2932104 A1 20151021; EP 2932104 B1 20181010; PL 2932104 T3 20190329; WO 2014023299 A1 20140213

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DE 202013100976 U 20130306; DE 102012015358 A 20120806; DE 2013100283 W 20130806; EP 13759430 A 20130806; PL 13759430 T 20130806