

Title (en)
Axial air movement fans

Title (de)
Axiallüfter zur Luftförderung

Title (fr)
Ventilateur axial de circulation d'air

Publication
EP 2466072 A3 20161221 (EN)

Application
EP 11075270 A 20111214

Priority
GB 201021349 A 20101216

Abstract (en)
[origin: EP2466072A2] An axial air movement fan comprises a hub (1) with a plurality of elongate fan blades (3) extending generally radially outwardly therefrom, each blade (3) including at least one damping mass (11) secured to the fan blade to enable the mass to oscillate relative to the fan blade (3) in response to oscillatory flexing of the fan blade in a first plane, thereby to damp the flexing of the fan blade.

IPC 8 full level
F01D 5/26 (2006.01); **F01D 5/16** (2006.01); **F04D 19/00** (2006.01); **F04D 29/32** (2006.01); **F04D 29/38** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP GB)
F01D 5/16 (2013.01 - EP); **F04D 29/324** (2013.01 - EP); **F04D 29/388** (2013.01 - EP GB); **F04D 29/668** (2013.01 - EP GB)

Citation (search report)
• [A] US 2689107 A 19540914 - ODEGAARD EUGENE A
• [A] US 2920868 A 19600112 - ACKERMAN SANFORD S, et al
• [A] US 2008085202 A1 20080410 - NAMIKI HIROTAKA [JP], et al

Cited by
EP3097268A4; WO2015112891A1; US10914320B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2466072 A2 20120620; EP 2466072 A3 20161221; EP 2466072 B1 20180704; GB 201021349 D0 20110126; GB 201121432 D0 20120125; GB 2486470 A 20120620; GB 2486557 A 20120620; GB 2486557 B 20170208

DOCDB simple family (application)
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