

Title (en)  
VENTILATOR HAVING REDUCED SOUND RADIATION

Title (de)  
VENTILATOR MIT REDUZIERTER SCHALLABSTRAHLUNG

Title (fr)  
VENTILATEUR À RAYONNEMENT ACOUSTIQUE RÉDUIT

Publication  
**EP 2215367 A1 20100811 (DE)**

Application  
**EP 08857903 A 20081203**

Priority  
• EP 2008010220 W 20081203  
• DE 102007060720 A 20071208

Abstract (en)  
[origin: WO2009071270A1] A ventilator, particularly a fan of a device (20), comprising at least one component (22, 25, 40), wherein during operation of the ventilator sound and oscillating emissions can be generated due to excitation of the natural frequency thereof. The ventilator comprises at least one mechanical resonator (50, 52, 55) that is associated with the at least one component (22, 25, 40) and dampens the natural frequency thereof in order to reduce the generation of sound and oscillating emissions.

IPC 8 full level  
**F04D 29/66** (2006.01)

CPC (source: EP)  
**F04D 29/663** (2013.01)

Citation (search report)  
See references of WO 2009071270A1

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 102008060200 A1 20090610**; EP 2215367 A1 20100811; WO 2009071270 A1 20090611

DOCDB simple family (application)  
**DE 102008060200 A 20081203**; EP 08857903 A 20081203; EP 2008010220 W 20081203