

Title (en)

Noise reducing structure in fan device

Title (de)

Geräuschdämpfungsstruktur für eine Ventilatorvorrichtung

Title (fr)

Structure de réduction sonore dans un dispositif de ventilation

Publication

EP 1980755 A2 20081015 (EN)

Application

EP 08152389 A 20080306

Priority

JP 2007102082 A 20070409

Abstract (en)

A noise reducing structure in a fan device is provided which can reduce noise generated in the interior of a housing of the fan device without deteriorating the air feed capacity of the fan device. In the noise reducing structure in a fan device, a fan (200) is rotated by a drive motor (600) to create an air flow. The air flow is introduced and uniformed by a bell-mouth-like shroud (400). Sound absorbing structures (310, 320, 330) are formed on a surface intersecting the outer periphery surface of the shroud (400).

IPC 8 full level

F04D 29/66 (2006.01)

CPC (source: EP)

F04D 29/663 (2013.01); **F04D 29/665** (2013.01)

Citation (applicant)

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- JP 2001003750 A 20010109 - KOMATSU MFG CO LTD
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Cited by

EP3907407A1; CN108035791A; CN108488103A; CN108240647A; CN110274276A; CN103089704A; EP2899406A1; CN104791304A; US10323655B2; US8770340B2; WO2015195108A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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