

Title (en)

A cross-flow fan and an air-conditioner using it

Title (de)

Querstromlüfter und damit versehene Klimaanlage

Title (fr)

Ventilateur à courant transversal et climatiseur l'utilisant

Publication

EP 0947708 A2 19991006 (EN)

Application

EP 99106442 A 19990329

Priority

JP 8327898 A 19980330

Abstract (en)

A number of vanes 12 are disposed in a peripheral direction of a plurality of supporting disks disposed along a rotary shaft 14 at given intervals. Each vane 12 is disposed at an angular interval as determined by a logistic representation. Thereby the intensity and variations of noise levels at around 8N on the low-frequency side, as well as the noise level caused by rotary first-order sounds, can be reduced. <IMAGE>

IPC 1-7

F04D 29/66; **F04D 29/28**

IPC 8 full level

F04D 29/28 (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP KR)

F04D 29/283 (2013.01 - EP); **F04D 29/666** (2013.01 - EP); **F24F 13/00** (2013.01 - KR)

Cited by

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EP 0947708 A2 19991006; **EP 0947708 A3 20010307**; **EP 0947708 B1 20050202**; DE 69923490 D1 20050310; DE 69923490 T2 20060216; KR 100545985 B1 20060125; KR 19990078295 A 19991025; TW 377393 B 19991221

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