

Title (en)

AXIAL FAN WITH BLADES ADJUSTING THEMSELVES TO THE DIRECTION OF ROTATION

Publication

EP 0115005 B1 19860716 (DE)

Application

EP 83112707 A 19831216

Priority

DE 3248760 A 19821231

Abstract (en)

[origin: US4515511A] The invention relates to an axial fan with blades that automatically adjust to the direction of rotation. The fan blades are mounted with freedom to swivel on the fan wheel and are limited in their swiveling motion by stops which are provided on the fan wheel. In order to reduce the manufacturing cost of such an axial fan, spokes, to which the fan blades are fastened by means of film hinges are mounted on the fan wheel. The fan wheel is made from a single piece of plastic.

IPC 1-7

F04D 29/36

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 83112707 A 19831216; AT 83112707 T 19831216; DE 3248760 A 19821231; DE 3364548 T 19831216; US 54320983 A 19831019