

Title (en)  
Axial fan

Title (de)  
Axiallüfter

Title (fr)  
Ventilateur axial

Publication  
**EP 1669610 A1 20060614 (EN)**

Application  
**EP 04106529 A 20041213**

Priority  
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Abstract (en)  
The present invention relates to a multiple sweep axial fan for producing axial gas flow in the direction of center of rotation. The term multiple sweep indicates a number of different sections along the leading edge and trailing edge of blades of the fan. The fan can be designed as a back skewed or front skewed low noise fan. Each blade of the fan has starting at its first end secured on the hub, a first section in which the leading edge of the blade is defined by a concave arc and at least one other section along which the leading edge is defined by a convex arc between the first section and the second end of said blade.

IPC 8 full level  
**F04D 29/38** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP)  
**F04D 29/326** (2013.01); **F04D 29/386** (2013.01)

Citation (search report)  
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