

Title (en)

Axial fan for ventilating systems

Title (de)

Axialventilator für Lüftungsanlagen

Title (fr)

Ventilateur axial pour systèmes de ventilation

Publication

EP 0922862 A3 20000412 (DE)

Application

EP 98122961 A 19981203

Priority

DE 19755615 A 19971213

Abstract (en)

[origin: EP0922862A2] An insert ring (12) is fastened on the inside wall of the housing (1) and comprises a material which does not wear in use and which wears during smoke removal. The distance of the tips of the blades (8) from the inside wall of the housing is preferably 0.2-2.0% of the impeller diameter and from the inside of the insert ring is 0-0.5% of the impeller diameter.

IPC 1-7

F04D 29/16; **F04D 19/00**; **F04D 29/02**

IPC 8 full level

F04D 19/00 (2006.01); **F04D 29/02** (2006.01); **F04D 29/16** (2006.01)

CPC (source: EP)

F04D 19/002 (2013.01); **F04D 29/023** (2013.01); **F04D 29/164** (2013.01); **F04D 29/526** (2013.01); **F05D 2300/502** (2013.01)

Citation (search report)

- [A] GB 879740 A 19611011 - AXIA FANS LTD
- [A] DE 4439726 A1 19960515 - SIEMENS AG [DE]
- [A] DE 4423447 A1 19960111 - TURBO LUFTECHNIK GMBH [DE]
- [A] DE 1403039 B1 19691218 - GEN MOTORS CORP

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0922862 A2 19990616; **EP 0922862 A3 20000412**; **EP 0922862 B1 20030716**; AT E245255 T1 20030815; DE 19755615 A1 19990617; DE 59809019 D1 20030821

DOCDB simple family (application)

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