

Title (en)

A fan, in particular for a cooling system of combustion engines

Title (de)

Lüfterrad, insbesondere im Kühlsystem von Brennkraftmaschinen einsetzbares Lüfterrad

Title (fr)

Ventilateur en particulier pour un système de refroidissement des machines à combustion

Publication

EP 0945626 B1 20041208 (DE)

Application

EP 99105936 A 19990324

Priority

- DE 19813372 A 19980326
- DE 19840843 A 19980907

Abstract (en)

[origin: EP0945626A2] The rotor blades are adjusted via a servo drive with an adjusting piston (11). The piston wall (12) overlaps radially with the rotor blades (2) and acts as adjusting ring to hold adjusting journals (24) of eccentric adjusters. When the piston is charged with a pressure medium, the blades are moved into a conveying direction opposite to the original conveying direction, and are loaded in a position corresponding to that direction, via air resistance force.

IPC 1-7

F04D 29/36; F04D 19/00

IPC 8 full level

F04D 19/00 (2006.01); **F04D 29/36** (2006.01)

CPC (source: EP)

F04D 19/005 (2013.01); **F04D 29/364** (2013.01)

Cited by

DE102018114534B4; DE10153099A1; DE10153099B4; DE19959893A1; DE19959893B4; DE102004035631A1; DE102004035631B4; DE102011001426A1; US6942458B2; WO2009024226A3; WO2019242799A1; DE102008008275A1; US9086076B2; US6439850B1; US6644922B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0945626 A2 19990929; **EP 0945626 A3 20010404**; **EP 0945626 B1 20041208**; DE 59911215 D1 20050113

DOCDB simple family (application)

EP 99105936 A 19990324; DE 59911215 T 19990324