

Title (en)  
Jet fan

Title (de)  
Strahl Lüfter

Title (fr)  
Ventilateur à jet d'air

Publication  
**EP 0772007 A2 19970507 (EN)**

Application  
**EP 96117214 A 19961026**

Priority  
JP 28128295 A 19951030

Abstract (en)  
A jet fan includes a generally cylindrical casing (1), an electric motor (2) accommodated therein, an impeller (3) connected to the electric motor (2), and at least one booster ring (8) disposed concentrically with the casing (1) and located downstream thereof with respect to a direction of an air flow. The booster ring (8) has an aerofoil or arcuated plate sectional profile as viewed in a direction transverse to a longitudinal axis of the casing (1). The booster ring (8) has an upper surface of aerofoil or arcuated plate sectional profile as its inner surface, and also has a leading edge facing an air outlet of the jet fan and a trailing edge of a diameter smaller than that of the leading edge but greater than that of the air outlet. <IMAGE>

IPC 1-7  
**F24F 7/007**

IPC 8 full level  
**E21F 1/00** (2006.01); **F04D 29/44** (2006.01); **F04D 29/54** (2006.01); **F24F 7/007** (2006.01)

CPC (source: EP KR)  
**E21F 1/003** (2013.01 - EP); **F04D 29/38** (2013.01 - KR); **F04D 29/545** (2013.01 - EP); **F24F 7/007** (2013.01 - EP)

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Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0772007 A2 19970507**; **EP 0772007 A3 20000503**; **EP 0772007 B1 20040204**; DE 69631459 D1 20040311; DE 69631459 T2 20040624; JP 3575891 B2 20041013; JP H09126194 A 19970513; KR 0174803 B1 19990320; KR 970021784 A 19970528; TW 397888 B 20000711

DOCDB simple family (application)  
**EP 96117214 A 19961026**; DE 69631459 T 19961026; JP 28128295 A 19951030; KR 19960049946 A 19961030; TW 85113188 A 19961029