

Title (en)
APPARATUS FOR CONDITIONING AIR

Title (de)
VORRICHTUNG ZUR LUFTBEHANDLUNG

Title (fr)
APPAREIL DE CONDITIONNEMENT D'AIR

Publication
EP 0993555 A1 20000419 (EN)

Application
EP 98932618 A 19980702

Priority
• NL 9800378 W 19980702
• NL 1006451 A 19970702

Abstract (en)
[origin: WO9901669A1] An apparatus for conditioning air comprises a casing (1) provided with an air flow channel (4) and with a fan comprising a drive unit (11), which is mounted in said channel (4). Humidifying means are fitted with a number of humidifying elements (13) which rotate about a shaft (9), partially within said air channel (4) and partially in water supply means (8). The fan is provided with air flow elements (12), which rotate independently of said humidifying elements (13). The humidifying elements (13) and the air flow elements (12) are disposed at least approximately concentrically or coaxially with respect to each other, preferably near the air flow elements (12) and within the sphere of action thereof. The air flow elements (12) are for example disposed internally of the annular humidifying elements.

IPC 1-7
F04D 17/16; **F04D 31/00**; **F24F 6/16**; **F24F 6/06**

IPC 8 full level
F04D 17/16 (2006.01); **F04D 31/00** (2006.01); **F24F 6/06** (2006.01); **F24F 6/16** (2006.01)

CPC (source: EP)
F04D 17/161 (2013.01); **F04D 31/00** (2013.01); **F24F 6/06** (2013.01); **F24F 6/16** (2013.01)

Citation (search report)
See references of WO 9901669A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
WO 9901669 A1 19990114; AU 8245598 A 19990125; DE 69821484 D1 20040311; DE 69821484 T2 20041125; EP 0993555 A1 20000419; EP 0993555 B1 20040204; NL 1006451 C2 19990105

DOCDB simple family (application)
NL 9800378 W 19980702; AU 8245598 A 19980702; DE 69821484 T 19980702; EP 98932618 A 19980702; NL 1006451 A 19970702