

Title (en)  
Air jet device

Title (de)  
Anblasvorrichtung

Title (fr)  
Dispositif de soufflage d'air

Publication  
**EP 1754550 A1 20070221 (DE)**

Application  
**EP 06119035 A 20060816**

Priority  
AT 5612005 U 20050817

Abstract (en)  
The blowing device, for individual articles in free fall or moving on a conveyor belt, has at least one connecting aperture for the gas or liquid and several blowing nozzles which have magnetic valves to open and shut them. The pushrod for the valves is roughly at a right angle to the blowing nozzle, or may form an acute angle with the axis of the blowing nozzle.

IPC 8 full level  
**B07C 5/36** (2006.01); **F16K 27/00** (2006.01); **F16K 31/06** (2006.01)

CPC (source: EP US)  
**B07C 5/368** (2013.01 - EP US); **F15B 13/0807** (2013.01 - EP US); **F15B 13/0842** (2013.01 - EP US)

Citation (applicant)  
• AT 395545 B 19930125 - BINDER CO AG [ST]  
• DE 2848000 A1 19790517 - SPHERE INVEST

Citation (search report)  
• [DA] AT 395545 B 19930125 - BINDER CO AG [ST]  
• [A] EP 1555471 A1 20050720 - CKD CORP [JP], et al

Cited by  
ITTO20130154A1; CN105521954A; WO2014108445A1; WO2014128683A3; EP2821677A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**US 2007056887 A1 20070315**; AT 8634 U1 20061015; AT E431761 T1 20090615; AU 2006203421 A1 20070308; AU 2006203421 B2 20110414; DE 502006003763 D1 20090702; EP 1754550 A1 20070221; EP 1754550 B1 20090520; ES 2327670 T3 20091102

DOCDB simple family (application)  
**US 50501606 A 20060816**; AT 06119035 T 20060816; AT 5612005 U 20050817; AU 2006203421 A 20060808; DE 502006003763 T 20060816; EP 06119035 A 20060816; ES 06119035 T 20060816