

Title (en)  
Classifying rotor for pneumatic separator

Title (de)  
Sichtrad für einen Windsichter

Title (fr)  
Roue de triage pour séparateur pneumatique

Publication  
**EP 0818249 B1 20020206 (DE)**

Application  
**EP 97890123 A 19970703**

Priority  
• AT 120596 A 19960708  
• US 88957797 A 19970708

Abstract (en)  
[origin: EP0818249A1] The wheel channels in its circumference. The sifter air loaded with fine material passes through from out to inside and is expelled in the axial direction. The channels (12) are in axially different radial planes and at different angles ( alpha ) relative to the radial direction of the wheel. The channels are formed by bores in the jacket surface of the wheel and are defined by mainly axially directed blades (9,9'). The wheel consists of at least two sections and the channels in one section are directed at different angles from those in the other section.

IPC 1-7  
**B07B 7/083**

IPC 8 full level  
**B07B 7/08** (2006.01); **B07B 7/083** (2006.01)

CPC (source: EP US)  
**B07B 7/083** (2013.01 - EP US)

Cited by  
CN105583155A; US8430246B2; WO2008135558A3; US11278935B2; US11607709B2; EP3677348B1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0818249 A1 19980114; EP 0818249 B1 20020206**; AT 404234 B 19980925; AT A120596 A 19980215; CA 2209145 A1 19980108; CA 2209145 C 20050104; CN 1176156 A 19980318; JP H10128242 A 19980519; US 5957299 A 19990928

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**EP 97890123 A 19970703**; AT 120596 A 19960708; CA 2209145 A 19970625; CN 97114084 A 19970708; JP 18014197 A 19970704; US 88957797 A 19970708