

Title (en)

Pneumatic classifier with vertical axis

Title (de)

Vertikalachsiger Windsichter

Title (fr)

Trieuse pneumatique à axe vertical

Publication

EP 0836893 A3 19990414 (DE)

Application

EP 97116684 A 19970925

Priority

- DE 19643023 A 19961018
- DE 19643042 A 19961018
- DE 19643043 A 19961018
- DE 19643068 A 19961018

Abstract (en)

[origin: EP0836893A2] The wind classifier, with vertical axis, issuing the material centrally, has a tangential classifying air input (4) at the height of the rotor (8), a guide scoop crown fixed with radial clearance at the circumference of the rotor, the scoop rotor itself with a bearing on one side, a rotor drive shaft (2) and a casing (1) with outputs for fine and coarse material (23,24). The drive shaft, fine and coarse material output cavities (13,14) and the rotor bearing are all on the same side of, i.e. below, the rotor. A support device connects the drive shaft to the rotor.

IPC 1-7

B07B 7/083

IPC 8 full level

B07B 7/083 (2006.01)

CPC (source: EP US)

B07B 7/083 (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 456 (C - 1242) 25 August 1994 (1994-08-25)

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0836893 A2 19980422; EP 0836893 A3 19990414; EP 0836893 B1 20021211; AT E229377 T1 20021215; CN 1118339 C 20030820; CN 1180591 A 19980506; DE 59708938 D1 20030123; DK 0836893 T3 20030324; ES 2190796 T3 20030816; JP 4191272 B2 20081203; JP H10118571 A 19980512; US 6109448 A 20000829

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EP 97116684 A 19970925; AT 97116684 T 19970925; CN 97120607 A 19971017; DE 59708938 T 19970925; DK 97116684 T 19970925; ES 97116684 T 19970925; JP 28388797 A 19971016; US 95372197 A 19971017