

Title (en)

APPARATUS FOR SORTING GRANULATED PRODUCTS, PARTICULARLY IN THE MILL GRINDING FIELD

Publication

EP 0126177 A3 19860108 (EN)

Application

EP 83106679 A 19830707

Priority

IT 2193483 U 19830520

Abstract (en)

[origin: EP0126177A2] The invention is related to the technical field of granulated product sorting apparatus, and in particular to the mill grinding field. The technical problem to be solved was that of practically eliminating high inertia moving parts from such apparatus. The solution to the problem is provided by one such apparatus comprising members (14) generating a forced air circulation between the feeding means (5) and discharging means (6) for the product to be sorted so as to create, at each screening layer (4), a forced air flow mixed up with the product to be sorted and capable of determining its sorting in a substantially spontaneous fashion.

IPC 1-7

B07B 4/08; **B07B 4/06**; **B07B 7/06**; **B07B 9/00**

IPC 8 full level

B07B 1/24 (2006.01); **B07B 1/46** (2006.01); **B07B 1/52** (2006.01); **B07B 4/06** (2006.01); **B07B 4/08** (2006.01); **B07B 7/06** (2006.01); **B07B 9/00** (2006.01); **B07B 11/06** (2006.01); **B07B 11/08** (2006.01)

CPC (source: EP)

B07B 1/24 (2013.01); **B07B 1/46** (2013.01); **B07B 1/524** (2013.01); **B07B 4/08** (2013.01); **B07B 7/06** (2013.01); **B07B 9/00** (2013.01); **B07B 11/06** (2013.01); **B07B 11/08** (2013.01)

Citation (search report)

- DE 3138430 A1 19820805 - BARBIERI ADRIANO
- DE 2648326 B1 19780330 - LINDEMANN MASCHFAB GMBH
- DD 40674 A
- EP 0006295 A1 19800109 - BIRCH PETER ROLAND [GB], et al

Cited by

AT386363B; CN109750544A; EP0413577A3; EP2042244A3; CN114160406A; EP0643999A3; US5570790A; EP1987894A3

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0126177 A2 19841128; **EP 0126177 A3 19860108**; **EP 0126177 B1 19880427**; AT E33769 T1 19880515; DE 3376390 D1 19880601; ES 524357 A0 19840701; ES 8406032 A1 19840701; IT 8321934 V0 19830520

DOCDB simple family (application)

EP 83106679 A 19830707; AT 83106679 T 19830707; DE 3376390 T 19830707; ES 524357 A 19830709; IT 2193483 U 19830520