

Title (en)  
Air classifier.

Title (de)  
Sichter.

Title (fr)  
Séparateur pneumatique.

Publication  
**EP 0460490 B1 19941019 (DE)**

Application  
**EP 91108600 A 19910527**

Priority  
• DE 4018361 A 19900608  
• DE 4112018 A 19910412

Abstract (en)  
[origin: EP0460490A2] In order to classify granular material into at least three fractions, previously bar basket classifiers with at least two classifier wheels have been used which are arranged in a housing spaced one on top of the other. The classifier wheels arranged one on top of the other were provided here with separate lines for feeding in the classifying air and conducting away the classifying air in order to avoid fine-grade material getting into the medium-grade material during classifying or medium-grade material getting into the coarse-grade material so that a high yield is accompanied by an exact separation of the respectively desired granular fractions from one another. On the other hand, a simplification of the classifier in terms of constructional design and in the operating mode is achieved according to the invention, accompanied by a high yield and exact separation of the respectively desired granular fractions from one another, by virtue of the fact that the classifier wheels (2, 3, 4) are concentrically nested in one another in the housing (1) and arranged at a distance from one another in such a way that the classifying air flows through them successively and that each classifier wheel is assigned a separate material discharge. <IMAGE>

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

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

CPC (source: EP US)  
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Cited by  
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