

Title (en)  
Sieve drum.

Title (de)  
Siebtrommel.

Title (fr)  
Tambour cribleur.

Publication  
**EP 0521361 B1 19950111 (DE)**

Application  
**EP 92110438 A 19920620**

Priority  
DE 4121585 A 19910629

Abstract (en)  
[origin: EP0521361A2] Sieve drum (2) for conditioning and classifying granular material, having a feed device (100) and inner annular sieve sections (NW32, NW25, NW10) in succession in the longitudinal direction of the drum. The mesh size of the annular sieve sections changes in such a manner that the section (NW10) with relatively small mesh size is the annular sieve section closest to the discharge (9) and the section (NW32) with the largest mesh size is the annular sieve section axially furthest removed from the discharge (9). Outer annular sieve sections (NW4, NW18) with different mesh sizes are arranged radially outside the inner annular sieve sections (NW10, NW25, NW32). The section (NW4) with the smallest mesh size is the annular sieve section axially closest to the discharge (9), section (NW18) with medium mesh size is axially furthest removed from the discharge (9). A catch region (4-10) for sieved material with a particle size between the smaller (NW10) and the smallest mesh size (NW4) is arranged axially between the outer annular sieve sections with the smallest and the medium mesh size (NW4, NW18). <IMAGE>

IPC 1-7  
**B07B 1/22**

IPC 8 full level  
**B07B 1/22** (2006.01); **E01C 19/05** (2006.01)

CPC (source: EP)  
**B07B 1/22** (2013.01); **E01C 19/05** (2013.01)

Cited by  
CN109382307A; DE102007046779A1; CN113786925A; WO2007065503A1

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AT BE CH DE FR IT LI NL

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**EP 0521361 A2 19930107; EP 0521361 A3 19930310; EP 0521361 B1 19950111**; AT E116875 T1 19950115; DE 4121585 C1 19920806; DE 59201176 D1 19950223; FI 920789 A0 19920224; FI 920789 A 19921230; FI 94730 B 19950714; FI 94730 C 19951025; GB 2249271 A 19920506; GB 2249271 B 19931117; GB 9123533 D0 19920102

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