

Title (en)  
SIEVE DRUM

Publication  
**EP 0521361 A3 19930310 (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>

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**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)

Citation (search report)  
• [Y] WO 9006400 A1 19900614 - WIBAU GMBH [DE]  
• [AD] EP 0325253 A2 19890726 - LINNHOFF MASCHINENBAU  
• [Y] SOVIET INVENTIONS ILLUSTRATED Section PQ, Week 8518, 12. Juni 1985 Derwent Publications Ltd., London, GB; Class P, AN 85-109526/18 & SU-A-1 121 056 (KERAMZITE RES. INST.) 30. Oktober 1984  
• [A] SOVIET INVENTIONS ILLUSTRATED Section PQ, Week E13, 12. Mai 1982 Derwent Publications Ltd., London, GB; Class P, AN D6270 E/13 & SU-A-839 605 (KERAMZITE RES. INST.) 23. Juni 1981

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