

Title (en)  
Screening apparatus

Title (de)  
Siebeinrichtung

Title (fr)  
Dispositif de tamisage

Publication  
**EP 0955101 A3 20000802 (DE)**

Application  
**EP 99108452 A 19990430**

Priority  
DE 19819866 A 19980504

Abstract (en)  
[origin: DE19819866C1] The sieve arrangement has a main sieve (2) and a pre-sieve (16) which is relatively movable with respect to the main sieve. Main (17) and auxiliary (18) beating units are associated with the main and pre-sieves respectively. Both sieves are cylindrical, with the pre-sieve and auxiliary beating unit being rotatable at various speeds, and the auxiliary beating unit being rotatably supported on the drive axle (7) of the pre-sieve. An auxiliary axle (23) drives the auxiliary beating unit via the drive axle, with both axles being associated with drive wheels (10,25) of differing operational diameter which are linked to a drive motor (14). The auxiliary beating unit is formed as a conveyor screw having a lower conveying power than a feed screw (5) of an intake (4) of the pre-sieve, and also has an air channel (30) and is supported at a flushing chamber (32).

IPC 1-7  
**B07B 1/20**; **B07B 1/24**

IPC 8 full level  
**B07B 1/20** (2006.01); **B07B 1/24** (2006.01)

CPC (source: EP)  
**B07B 1/20** (2013.01); **B07B 1/24** (2013.01)

Citation (search report)  
• [AD] DE 4331782 C1 19940818 - REIMELT DIETRICH KG [DE]  
• [A] DE 30775 C  
• [A] DE 37093 C  
• [AD] US 4202759 A 19800513 - HALUCH LEONARD M [US], et al

Cited by  
CN102764729A; CN103447240A; CN102688795A; US11311910B2; WO2021078158A1

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