

Title (en)  
Screen cylinder, especially for paper pulp

Title (de)  
Siebzylinder, insbesondere für Papierfaserstoff

Title (fr)  
Tamis cylindrique, notamment pour la pâte à papier

Publication  
**EP 1057927 B1 20030507 (FR)**

Application  
**EP 00401562 A 20000602**

Priority  
FR 9907070 A 19990604

Abstract (en)  
[origin: EP1057927A1] The cylindrical sieve, especially for processing paper pulp, has two flanges (1,2) held together by a number of bars (3). It has at least one axially rigid and thin filter sieve (10), held in place by supporting rings (11) which also secure it against the bars (3). The cylindrical sieve also has at least one reinforcement ring (20), placed between successive filter sections (10A,10B), with passage openings (20A) for the bars (3) to pass through and lock the assembly together against twisting. The bars (3) are secured to the outer flanges (1,2) with butts (6,7) to maintain a fixed gap between the flanges (1,2). Wedges (12) are inserted between the filter mesh sieve and one or other of the flanges (1,2). The support rings (11) are welded to the filter sieve (10), at their inner or outer surfaces, and their other surfaces are in contact with the support bars (3). The gap between neighboring support rings (11) is about 25 mm.

IPC 1-7  
**D21D 5/16**

IPC 8 full level  
**D21D 5/02** (2006.01); **B07B 1/20** (2006.01); **B07B 1/46** (2006.01); **B21D 5/02** (2006.01); **B21D 5/16** (2006.01); **D21D 5/16** (2006.01)

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