

Title (en)  
Sector cylinder

Title (de)  
Sektorwalze

Title (fr)  
Cylindre à secteur

Publication  
**EP 0780499 A2 19970625 (DE)**

Application  
**EP 96118664 A 19961121**

Priority  
DE 19547819 A 19951220

Abstract (en)  
To give a selective separation of dirt and impurities from a flow of fibres in an air stream, a mesh drum rotates constantly in the flow path after a detection system for foreign matter. The material is deposited on the drum and, through the drum rotation, the fibres are moved to a drum zone where sectors to spin matter off are parallel to the axis. The fibres are spun off at zones controlled by the detection system only where foreign material is detected. The dirt or other impurities are detached from the drum by a blowing or suction action.

Abstract (de)  
Verfahren zum selektiven Ausschleusen von Fremtteilen aus einem Fasertransportluftstrom (2) durch eine Siebtrommel (8). Die Fasern lagern sich auf einer rotierenden Siebtrommel ab. Ein stationärer Teilbereich (11) der Siebtrommel wird nicht von der Transportluft durchströmt. In diesem Bereich sind Vorrichtungen (13) die, in einzelnen Sektoren über die Breite der Trommel, die Fremtteile von der Siebtrommel abfordern. <IMAGE>

IPC 1-7  
**D01G 31/00**

IPC 8 full level  
**D01G 23/08** (2006.01); **D01B 3/00** (2006.01); **D01G 31/00** (2006.01); **D01H 4/36** (2006.01)

CPC (source: EP)  
**D01G 31/003** (2013.01)

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