

Title (en)
Sector cylinder

Title (de)
Sektorwalze

Title (fr)
Cylindre à secteur

Publication
EP 0780499 A3 19971203 (DE)

Application
EP 96118664 A 19961121

Priority
DE 19547819 A 19951220

Abstract (en)
[origin: EP0780499A2] 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.

IPC 1-7
D01G 31/00

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

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

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 39 (C - 563) 27 January 1989 (1989-01-27)

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Designated contracting state (EPC)
CH FR GB IT LI

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DOCDB simple family (application)
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