

Title (en)
Air classifier

Title (de)
Sichter

Title (fr)
Séparateur pneumatique

Publication
EP 0795359 A3 19980311 (DE)

Application
EP 97890007 A 19970115

Priority
AT 48696 A 19960314

Abstract (en)
[origin: EP0795359A2] The prepared wood fibres are dropped into the sieve system via shredding rollers (12) from where they drop into a hopper. An upper airflow (2) and a lower airflow (3) together blow the fibres up out of an exit duct (4) while larger debris and impurities eg. metals, drop into a sump (13) from where they are ducted out of the hopper. The airflows are recycled, with a small amount of make-up air. The upper airflow is via a gridded structure (14) to spread the flow. The grid is angled to lift the airborne fibres. The shredding rollers are in a rising array with the rotation in the same direction, to move the particles of the slope.

IPC 1-7
B07B 4/02; B27N 1/00

IPC 8 full level
B07B 4/02 (2006.01); **B07B 11/04** (2006.01); **B07B 11/06** (2006.01); **B27N 1/00** (2006.01)

CPC (source: EP)
B07B 4/02 (2013.01); **B07B 11/04** (2013.01); **B07B 11/06** (2013.01); **B27N 1/00** (2013.01)

Citation (search report)

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