

Title (en)
Rotary valve apparatus

Title (de)
Zellenradschleuse

Title (fr)
Vanne à roue cellulaire

Publication
EP 0952095 A3 20010117 (DE)

Application
EP 99107897 A 19990421

Priority
DE 29807240 U 19980422

Abstract (en)
[origin: EP0952095A2] The cellular separator is installed in a pneumatic feed system and forms part of the cellular wheel sluice. The ejection side (D) for the separated material is sealed against the pneumatic input (F). An integrated separator grille (A) separates the material from the transporting air in the cell chambers. The chamber is depressurised on the ejection side by the rotation of the cellular wheel sluice. In case of emergency, the grille can be cleaned by reversing the direction of flow through the apertures (B).

IPC 1-7
B65D 90/54; B65G 53/60; B01D 46/26

IPC 8 full level
B65D 90/54 (2006.01)

CPC (source: EP)
B65D 90/54 (2013.01)

Citation (search report)

- [A] EP 0501910 A1 19920902 - TABAC FAB REUNIES SA [CH]
- [A] US 4447249 A 19840508 - KOPENA DAVID M [US]
- [A] EP 0192803 A1 19860903 - HOECKER POLYTECHNIK [DE]

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WO2016118997A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 29807240 U1 19980910; EP 0952095 A2 19991027; EP 0952095 A3 20010117

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