

Title (en)
PNEUMATIC SEPARATOR IN THE FIELD OF FINE MATERIAL

Publication
EP 0115057 A3 19851030 (DE)

Application
EP 83113017 A 19831223

Priority
DE 3303078 A 19830129

Abstract (en)
[origin: US4528091A] A particle classifier comprising a casing, at least two separating wheels, a guide baffle, and a discharge conduit. The casing has a classification chamber and one or more openings that are provided to conduct air and particulate material into the classification chamber and to discharge coarse particles therefrom. The separating wheels are mounted in the classification chamber, and each wheel includes a multitude of blades forming openings for conducting fine particles into the interiors of the separating wheels. The guide baffle conducts air and particulate material entrained therewith upward to the separating wheels. The discharge conduit conducts from the separation chamber fine particles passing between the blade of the separating wheels.

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IPC 8 full level
B07B 7/02 (2006.01); **B07B 7/083** (2006.01)

CPC (source: EP US)
B07B 7/083 (2013.01 - EP US)

Citation (search report)
• GB 927876 A 19630606 - ASS PORTLAND CEMENT
• DE 1757582 C2 19760311

Cited by
EP1398086A1; US5667075A; EP0209663A1; EP0244744A3; DE10151325A1; DE10151325B4; EP0638365A3; US5894935A

Designated contracting state (EPC)
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US 4528091 A 19850709; AT E27556 T1 19870615; DE 3303078 C1 19840530; EP 0115057 A2 19840808; EP 0115057 A3 19851030; EP 0115057 B1 19870603; JP S59142877 A 19840816; JP S6349548 B2 19881005

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US 57468684 A 19840127; AT 83113017 T 19831223; DE 3303078 A 19830129; EP 83113017 A 19831223; JP 1356484 A 19840130