

Title (en)
WIND SIFTER

Publication
EP 0004865 A3 19791128

Application
EP 79100767 A 19790314

Priority
DE 2817725 A 19780422

Abstract (en)
[origin: ES8100617A1] The invention relates to an air separator having a rotor provided with feed passages for the material to be separated which extend radially outward and between which extraction openings are arranged. The space between adjacent feed passages which exists between the outer end of the feed passages and the extraction openings is axially delimited on at least one side by a stationary element forming part of an extraction housing. In this way, problems of wear in the outer region of the rotor are reduced. In addition, there is no longer any need for an exact sealing gap to be maintained between the rotor and the extraction housing. Finally, the free flow cross-section for the separation air is increased for the same overall dimensions of the separator.

IPC 1-7
B07B 7/083

IPC 8 full level
B07B 7/083 (2006.01)

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

Citation (search report)

- US 2968401 A 19610117 - SHELDON WILLIAM M
- DE 2225258 A1 19730208
- US 3891543 A 19750624 - WESSEL JOSEF
- DE 195713 C
- FR 1126487 A 19561123 - JAEGER ETS ED
- US 3048271 A 19620807 - SHARPLES THOMAS D

Cited by
EP0038909A1; EP0209663A1; EP0128392A3; EP3490730A4; WO2018018155A1

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
EP 0004865 A2 19791031; EP 0004865 A3 19791128; EP 0004865 B1 19830223; DE 2817725 A1 19791108; ES 479796 A0 19800701; ES 8100617 A1 19800701; JP S54141457 A 19791102; JP S5728306 B2 19820616; US 4236997 A 19801202

DOCDB simple family (application)
EP 79100767 A 19790314; DE 2817725 A 19780422; ES 479796 A 19790420; JP 4849479 A 19790419; US 2945779 A 19790412