

Title (en)
Centrifugal shifter

Title (de)
Zentrifugalkraftsichter

Title (fr)
Séparateur centrifuge

Publication
EP 0747137 B1 19990915 (DE)

Application
EP 96107735 A 19960515

Priority
DE 19520845 A 19950608

Abstract (en)
[origin: US5788727A] A centrifugal air separator with a housing provided with inlets for material to be separated and separating air or a combined material and air inlet, and outlets for air-and-fines mixture and coarse material, in which at least one wheel formed essentially of a crown of buckets is journal ed. The invention addresses the problem of reducing the distance of the bearings of the wheel shaft from one another, in a centrifugal air separator of this type, preferably a separator with fines-and-air aspiration at both ends. According to the invention, the fan wheel is journal ed on a central, fixed axle which is held in the housing and machine frame by arms, struts or other such supports.

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B07B 7/083

IPC 8 full level
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CPC (source: EP US)
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Cited by
CN109201483A; EP3925709B1

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US 5788727 A 19980804; AT E184515 T1 19991015; CA 2177535 A1 19961209; CA 2177535 C 20001212; DE 19520845 A1 19961212; DE 19520845 C2 19970626; DE 29608807 U1 19960718; DE 59603043 D1 19991021; DK 0747137 T3 20000327; EP 0747137 A1 19961211; EP 0747137 B1 19990915; ES 2139275 T3 20000201; GR 3031460 T3 20000131; JP 3010478 B2 20000221; JP H08332459 A 19961217

DOCDB simple family (application)
US 65563096 A 19960530; AT 96107735 T 19960515; CA 2177535 A 19960528; DE 19520845 A 19950608; DE 29608807 U 19960515; DE 59603043 T 19960515; DK 96107735 T 19960515; EP 96107735 A 19960515; ES 96107735 T 19960515; GR 990402551 T 19991007; JP 14004896 A 19960603