

Title (en)
Centrifugal separator

Title (de)
Fliehkraftabscheider

Title (fr)
Séparateur centrifuge

Publication
EP 0668108 B1 19990512 (DE)

Application
EP 95100702 A 19950119

Priority
DE 4405642 A 19940222

Abstract (en)
[origin: EP0668108A1] A centrifugal separator which removes chaff and dust from broken grain comprising an initial separator of annular shape, bounded by the separator wall and the suction tube (3) whose inlet faces the collector (4). Laden air is fed tangentially into the initial separator from where it exits to the conical collector (4), except that suction tube (3) creates an obstruction between the two. An air vent (17) lies across the air flow, below the entry to suction tube (3). An air deflector (14), which reaches close to the casing, is attached to vent (17).

IPC 1-7
B04C 1/00; **B07B 7/086**

IPC 8 full level
B04C 1/00 (2006.01); **B07B 7/086** (2006.01)

CPC (source: EP)
B04C 1/00 (2013.01); **B07B 7/086** (2013.01)

Cited by
CN111188669A; WO2012150250A1; US9138780B2

Designated contracting state (EPC)
DE DK FR NL

DOCDB simple family (publication)
DE 4405642 A1 19950824; **DE 4405642 C2 19961107**; DE 59505874 D1 19990617; EP 0668108 A1 19950823; EP 0668108 B1 19990512

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