

Title (en)
AIR SUCTION DEVICE FOR A SIFTING OR SORTING APPARATUS

Publication
EP 0155556 A3 19870624 (DE)

Application
EP 85102170 A 19850227

Priority
DE 3410573 A 19840322

Abstract (en)
[origin: ES8606797A1] In the case of an apparatus for cleaning grits, which has a plurality of superimposed screen layers, which can be vibrated by means of at least one unbalance exciter and with an inlet or outlet for the product inlet or screen discharge arranged at one end, collecting means with adjustable setting flaps for the screenings, as well as an air circulation through the screen layers over an air distribution chamber in a suction collecting channel adjustable by means of adjusting flaps, it is provided that the apparatus is constructed as a stand with a stand head, a stand base and a vertical intermediate support connecting said two parts, the screen layers being constructed as a dust box and being vibratably supported in the vicinity of the stand base, the stand top being formed by the upper air distribution chamber.

IPC 1-7
B07B 4/08

IPC 8 full level
B07B 1/40 (2006.01); **B02B 1/02** (2006.01); **B07B 1/46** (2006.01); **B07B 4/08** (2006.01); **B07B 9/00** (2006.01); **B07B 11/00** (2006.01)

CPC (source: EP KR US)
B07B 1/46 (2013.01 - EP US); **B07B 4/08** (2013.01 - EP KR US); **B07B 9/00** (2013.01 - EP US); **B07B 2201/04** (2013.01 - EP US)

Citation (search report)
• [X] FR 926612 A 19471007 - SIMON LTD HENRY
• [Y] DE 2342091 A1 19750306 - KLOECKNER HUMBOLDT DEUTZ AG
• [A] AU 483698 B2 19741107
• [A] FR 970858 A 19510110 - GEBRU DER BU HLER
• [A] GB 701336 A 19531223 - SIMON LTD HENRY

Cited by
CN112024386A; CN101850335A; EP2236219A3; US11590538B2; EP3613515A1; CN111921843A; EP3785813A1; CN112654437A; RU2764691C1; WO2020038947A1; WO2009021341A1; EP0155537B1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0155556 A2 19850925; EP 0155556 A3 19870624; EP 0155556 B1 19900905; AT E26932 T1 19870515; AT E36817 T1 19880915; AT E56158 T1 19900915; DE 3410573 A1 19851003; DE 3410573 C2 19860313; DE 3560153 D1 19870611; DE 3564659 D1 19881006; DE 3579482 D1 19901011; EP 0155527 A2 19850925; EP 0155527 A3 19860205; EP 0155527 B1 19880831; EP 0155537 A2 19850925; EP 0155537 A3 19860205; EP 0155537 B1 19870506; ES 541472 A0 19860516; ES 8606797 A1 19860516; JP H0113916 B2 19890308; JP H0113917 B2 19890308; JP H0122827 B2 19890427; JP S60216872 A 19851030; JP S60220175 A 19851102; JP S60255181 A 19851216; KR 850006866 A 19851021; KR 890004600 B1 19891120; SU 1477238 A3 19890430; US 4636305 A 19870113; US 4806235 A 19890221

DOCDB simple family (application)
EP 85102170 A 19850227; AT 85101898 T 19850221; AT 85101992 T 19850222; AT 85102170 T 19850227; DE 3410573 A 19840322; DE 3560153 T 19850222; DE 3564659 T 19850221; DE 3579482 T 19850227; EP 85101898 A 19850221; EP 85101992 A 19850222; ES 541472 A 19850321; JP 5570985 A 19850322; JP 5579585 A 19850322; JP 5579685 A 19850322; KR 850001882 A 19850322; SU 3875020 A 19850318; US 71471785 A 19850321; US 88079986 A 19860701