

Title (en)

Device and method for cleaning a mixture of substantially granule-shape grains.

Title (de)

Vorrichtung und Verfahren zum Reinigen eines im wesentlichen in Granulatform vorliegenden Korngemenges.

Title (fr)

Dispositif et procédé pour nettoyer un mélange de grains, principalement sous forme de granules.

Publication

EP 0593955 A3 19950405 (DE)

Application

EP 93115763 A 19930930

Priority

- DE 4235260 A 19921020
- DE 4302857 A 19930202

Abstract (en)

[origin: EP0593955A2] A device for cleaning grains (1) present essentially in the form of granules and containing particles of varying size, to remove said particles, has a housing (5) which has on its top side an inlet (11) for the grains (1) and on its underside and outlet (12) for the cleaned granules (18) and possesses a distributing plate (whizzer) (6). Cleaning gas flows through the granules falling through the device, opposite to the direction of movement of said granules. In the inlet region there is provided a guide device (19) for the inflowing grains (1) and a retaining device (2) for the larger particles (3). The distributing plate (6) is provided with a cover cowl (16) which has an opening (17) for the inflowing grains. Between the distributing plate (6) and cover cowl (16), a gap (8) is provided which preferably has a height of approx. 8 to 15 mm. <IMAGE>

IPC 1-7

B07B 11/06; **B07B 4/02**

IPC 8 full level

B07B 4/02 (2006.01); **B07B 11/06** (2006.01)

CPC (source: EP US)

B07B 4/025 (2013.01 - EP US); **B07B 11/06** (2013.01 - EP US)

Citation (search report)

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- [DA] DE 3425101 A1 19860116 - JAEGER HEINZ
- [A] US 2866547 A 19581230 - GLADFELTER WILTIE I, et al
- [A] US 3312343 A 19670404 - ELDER ROBERT L, et al

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RU2638111C2; WO2015036384A3

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DOCDB simple family (publication)

EP 0593955 A2 19940427; **EP 0593955 A3 19950405**; **EP 0593955 B1 19990113**; AT E175594 T1 19990115; DE 59309296 D1 19990225; ES 2128377 T3 19990516; US 5458245 A 19951017

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