

Title (en)

SORTING DRUM FOR SEEDS AND OTHER CORNS

Publication

EP 0037042 B1 19840808 (DE)

Application

EP 81102126 A 19810320

Priority

DE 3011173 A 19800322

Abstract (en)

[origin: WO8102695A1] Sorting cylinder for different kinds of seeds, having an horizontal calibrating cylinder (11) operated and supported by rolls (22, 23, 24, 25). The calibrating cylinder (11) is enclosed within a fixed housing provided with an inlet (4) for the seeds to be sorted and bypassing means (5, 6, 7) for the sorted fractions and a removable longitudinal lateral wall (41, 42). In order to facilitate storing as well as replacement of cylinder by inexperienced staff, the calibrating cylinder (11) is designed to be freely supported by four rolls (22, 25) and at least one of the four rolls (24, 25) can act as a driving wheel (25) and the cylinder (11) can be freely lifted upwards, or it can be respectively mounted and disassembled through a longitudinal wall (41, 42) of the housing.

IPC 1-7

B07B 1/22; **B07B 1/24**; **B07B 1/52**; **B07B 1/54**

IPC 8 full level

B07B 1/22 (2006.01); **B07B 1/24** (2006.01); **B07B 1/52** (2006.01); **B07B 1/54** (2006.01); **A01F 12/44** (2006.01)

CPC (source: EP US)

B07B 1/22 (2013.01 - EP US); **B07B 1/24** (2013.01 - EP US); **B07B 1/524** (2013.01 - EP US); **B07B 1/54** (2013.01 - EP US)

Citation (examination)

- FR 800162 A 19360629
- DE 2756172 A1 19790621 - MTF TECHNIK ING GRAD HANS GERT
- GB 200000 A 19230705 - WILLIAM WHITEHEAD RICHARDSON
- US 3465972 A 19690909 - ARDARY ZANE L
- GB 299148 A 19281025 - ARTHUR PERCIVAL DENBY
- DE 2814941 A1 19781019 - SATAKE ENG CO LTD
- US 3750884 A 19730807 - SATAKE T

Cited by

CN113950968A; CN102669814A; DE3920918A1; FR2560748A1; DE4442343A1; DE4442343C2; DE3437709A1; FR2543798A1

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