

Title (en)

Storing apparatus for rod-shaped articles and apparatus and method for filling storing apparatuses

Title (de)

Speichervorrichtung für stabförmige Artikel sowie Vorrichtung und Verfahren zum Befüllen von Speichervorrichtungen

Title (fr)

Appareil de stockage pour articles en forme de tige et dispositif et procédé de remplissage d'appareils de stockage

Publication

EP 1745706 A1 20070124 (DE)

Application

EP 06076437 A 20060718

Priority

DE 102005034246 A 20050719

Abstract (en)

The device has a housing with a lockable opening for filling and emptying the device. A flexible belt unit is arranged within the housing and is designed for adjustment of a storage space, where the adjustment depends on a filling level. The device is designed for filling with a multi-run, unclassified mass flow (25). The belt unit is arranged in an area of the opening and is clamped directly before the opening. Independent claims are also included for the following: (1) a device for filling a storage device (2) a method for filling a storage device with a stick-shaped article.

IPC 8 full level

A24C 5/35 (2006.01); **A24C 5/354** (2006.01)

CPC (source: EP US)

A24C 5/35 (2013.01 - EP US); **A24C 5/354** (2013.01 - EP US)

Citation (applicant)

US 5452984 A 19950926 - PORTER FREDERICK [US], et al

Citation (search report)

- [X] US 4555011 A 19851126 - BROWN ANTHONY R [GB]
- [XA] GB 2062567 A 19810528 - MOLINS LTD
- [X] DE 684851 C 19391206 - REEMTSMA H F & PH
- [X] DE 3546654 C2 19950126 - MOLINS PLC [GB]
- [AX] EP 1454543 A1 20040908 - GD SPA [IT]
- [X] DE 3248454 C2 19920617
- [A] EP 1310178 A1 20030514 - HAUNI MASCHINENBAU AG [DE]
- [DA] US 5452984 A 19950926 - PORTER FREDERICK [US], et al
- [A] FR 1545986 A 19681115 - FOCKE PFUHL VERPACK AUTOMAT

Citation (third parties)

Third party :

- EP 0673211 A1 19950927 - FOCKE & CO [DE]
- US 4366895 A 19830104 - BENNETT GEORGE R [GB], et al

Cited by

CN113353532A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1745706 A1 20070124; CN 1899933 A 20070124; DE 102005034246 A1 20070201; JP 2007022812 A 20070201; US 2007017594 A1 20070125

DOCDB simple family (application)

EP 06076437 A 20060718; CN 200610105549 A 20060718; DE 102005034246 A 20050719; JP 2006195118 A 20060718; US 48884006 A 20060719