

Title (en)

Delivery device for bags with a glued bottom.

Title (de)

Ablegevorrichtung für mit geklebten Böden versehene Säcke.

Title (fr)

Dispositif pour déposer des sacs avec fond collé.

Publication

**EP 0423481 A1 19910424 (DE)**

Application

**EP 90117412 A 19900910**

Priority

- DE 3934879 A 19891019
- DE 4002156 A 19900125

Abstract (en)

[origin: JPH03164235A] PURPOSE: To shorten the overall length of a device by defining a conveying path in an S-shaped configuration around at least two squeeze cylinders, or in the case of there being more than two squeeze cylinders, defining a conveying path with a multiple S-shaped configuration. CONSTITUTION: In the rear wall 1 of a frame, four idling squeeze cylinders 2, 3, 4 and 5 are mounted. After an overlapped bag procession has moved around the cylinder 2, the procession passes between two belt pairs 10 and 11 being driven and running directly on the cylinder 3. Adjacent to the output end of the belt pairs 10 and 11 there are further belt pairs 16 and 17, both of which are driven and the belt pair 16 is trained around the squeeze cylinder 4 over a major region. The belt pair 23 is directly trained about the cylinder 5, while the belt pair 24 is cooperative with a portion of the belt pair 23, so as to obtain an effective conveying action. The procession of overlapped bags leaving the squeeze cylinder 5 is removed by belts 26.

Abstract (de)

Eine Ablegevorrichtung für mit geklebten Böden versehene Säcke besteht aus mindestens einem die Bodenbereiche der Säcke mit seinen endlosen Preßbändern zusammendrückenden Doppelbandförderer. Um die Baulänge einer derartigen Ablegevorrichtung zu verringern, umschlingt der Doppelbandförderer mit seinen in vertikalen Ebenen übereinanderliegenden und die geschuppt übereinanderliegenden Säcke zwischen sich fördernden endlosen Preßbändern teilweise mindestens zwei Preßzylinder (2,3) mit S-förmigen Förderweg oder bei mehr als zwei Preßzylindern (2-5) mit mehrfach S-förmigen Förderweg.

IPC 1-7

**B31B 19/62**

IPC 8 full level

**B31B 19/62** (2006.01); **B31B 50/92** (2017.01); **B31B 50/96** (2017.01); **B65G 15/14** (2006.01); **B65H 29/12** (2006.01)

CPC (source: EP US)

**B31B 70/00** (2017.07 - EP US); **B31B 70/626** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP US); **Y10T 156/1741** (2015.01 - EP US)

Citation (applicant)

- DE 1298873 B 19690703 - WINDMOELLER & HOELSCHER, et al
- DE 530526 C 19310730 - WINDMOELLER & HOELSCHER G M B

Citation (search report)

- [X] DE 313866 C
- [X] DE 1066854 B
- [A] US 3107984 A 19631022 - ABRAHAM NOVICK
- [A] US 2032503 A 19360303 - ROSMAIT JOHN A
- [A] DE 511159 C 19301027 - ALFRED WINKLER, et al
- [A] DE 211597 C
- [A] DE 442805 C 19270408 - SPICERS LTD
- [A] US 1676005 A 19280703
- [A] GB 307914 A 19300213 - HESSER AG MASCHF
- [A] US 2242799 A 19410520 - MOORE EDMUND B
- [A] US 2119951 A 19380607 - MAX DUNNEBIER

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0423481 A1 19910424**; **EP 0423481 B1 19940413**; BR 9005246 A 19910917; CA 2026859 A1 19910420; CA 2026859 C 19950328; DE 4002156 A1 19910502; DE 59005347 D1 19940519; ES 2051426 T3 19940616; JP 3103585 B2 20001030; JP H03164235 A 19910716; RU 2018450 C1 19940830; US 5131973 A 19920721

DOCDB simple family (application)

**EP 90117412 A 19900910**; BR 9005246 A 19901018; CA 2026859 A 19901003; DE 4002156 A 19900125; DE 59005347 T 19900910; ES 90117412 T 19900910; JP 27206690 A 19901009; SU 4831259 A 19901018; US 59979890 A 19901019