

Title (en)

Device for separating articles from piles of horizontally lying sacks

Title (de)

Vorrichtung zum Vereinzeln von Stapeln aus flachliegenden Säcken

Title (fr)

Dispositif pour séparer des articles de piles consistants en sacs placés horizontalement

Publication

EP 0819633 A3 19990324 (DE)

Application

EP 97109264 A 19970607

Priority

DE 19627158 A 19960705

Abstract (en)

[origin: EP0819633A2] The device (1) comprises a machine frame with side parts (3), on the insides of which profiled guide tracks (6,7) for the revolving rollers (8) are fixed via holding pieces (4,5). The two parallel guide tracks comprise upper and lower parallel sections, which are joined to one another by somewhat semi-circular sections. The rollers (8) arranged in the guide tracks are parallel to one another and equally spaced apart. At their ends, the rollers are fixed to endless chains or tractive components, which run in guides and are activated by a drive. The rollers consist of cylindrical tube pieces, which are freely rotatable on shafts, the shaft pins of which are fixed to the chains or tractive components.

IPC 1-7

B65H 3/42; B65H 83/00

IPC 8 full level

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CPC (source: EP)

B65H 3/0858 (2013.01); **B65H 5/24** (2013.01); **B65H 29/006** (2013.01); **B65H 29/66** (2013.01); **B65H 2301/41922** (2013.01); **B65H 2301/4233** (2013.01); **B65H 2701/191** (2013.01)

Citation (search report)

- [DY] DE 2732591 C2 19860109
- [DY] EP 0054735 A2 19820630 - WINDMOELLER & HOELSCHER [DE]
- [Y] PATENT ABSTRACTS OF JAPAN

Cited by

CN113232909A; EP1231146A1; CN105479814A

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DE 19627158 A 19960705; BR 9703873 A 19970707; EP 97109264 A 19970607; JP 16980297 A 19970626