

Title (en)
Shelf stacking machine

Title (de)
Regalfahrzeug

Title (fr)
Gerbeur

Publication
EP 1245524 A3 20041229 (DE)

Application
EP 02006956 A 20020326

Priority
• DE 20108637 U 20010523
• DE 20105388 U 20010327

Abstract (en)
[origin: EP1245524A2] The device for centered accommodation of an object with a cylindrical locating surface (6,15,16), such as a large paper roll, has two parallel spaced legs (1,2) with inclined accommodation surfaces (4,5) facing each other. At least one of the accommodation legs in the area of the accommodation surfaces has movable devices (8,9) for reduction of friction, which favors an automatic centering of an object through its own weight. The accommodation device is a telescopically movable fork of a fork lift, shelf or transport vehicle. The friction reduction devices comprise at least one rotatably located roller or at least one rotatably located ball. The surfaces of the rollers or balls are coated with a soft, shock-absorbing material.

IPC 1-7
B66F 9/07; **B66F 9/075**; **B65G 1/04**

IPC 8 full level
B65H 19/12 (2006.01); **B66F 9/18** (2006.01)

CPC (source: EP)
B65H 19/126 (2013.01); **B66F 9/18** (2013.01); **B65H 2301/4172** (2013.01); **B65H 2402/30** (2013.01); **B65H 2405/422** (2013.01)

Citation (search report)
• [DX] DE 29903671 U1 19990805 - WESTFALIA WST SYSTEMTECHNIK [DE]
• [A] US 4388033 A 19830614 - PIPES GEORGE R
• [A] DE 19816981 A1 19991104 - KOLLMUSS RUDOLF [DE]
• [A] DE 3613079 A1 19871029 - AFB ANLAGEN UND FILTERBAU GMBH [DE]
• [A] FR 1489558 A 19670721 - O M

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CN102502299A; EP1632447A1; US9932213B2; US7229045B2

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