

Title (en)

Device for changing winder frames at winding stations

Title (de)

Vorrichtung zum Wechseln von Wickelständen an Wickelstationen

Title (fr)

Dispositif pour le changement de cadres d'enroulement à des stations de bobinage

Publication

**EP 0950626 B1 20021218 (DE)**

Application

**EP 99103643 A 19990225**

Priority

CH 51798 A 19980304

Abstract (en)

[origin: EP0950626A1] The system has reels (3) mounted on individual support platforms, which are gripped by coupling grips (2) of a vertical hoist (21) supported from a traveler on a gantry. The gantry moves over the system in two horizontal directions and vertically and rotates about a vertical axis. The gantry transfers reels between the winding positions and the storage positions. The vertical hoist can also turn the support platforms about a vertical axis in steps of 90 degrees . An Independent claim is included for a method for using the device.

IPC 1-7

**B65H 29/00**; **B65H 19/12**; **B65H 19/30**

IPC 8 full level

**B65H 19/12** (2006.01); **B65H 29/00** (2006.01)

CPC (source: EP US)

**B65H 19/123** (2013.01 - EP US); **B65H 29/006** (2013.01 - EP US); **B65H 2301/41322** (2013.01 - EP US); **B65H 2301/41702** (2013.01 - EP US); **B65H 2405/422** (2013.01 - EP US); **B65H 2555/30** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Cited by

CN105564051A; EP1201584A3; EP1209107A1; AU782125B2; EP1090865A1; CN107416565A; US6685130B2; US6978964B2; WO02057165A1; EP1268332B1

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DOCDB simple family (publication)

**EP 0950626 A1 19991020**; **EP 0950626 B1 20021218**; AU 1735199 A 19990916; AU 749771 B2 20020704; CA 2264079 A1 19990904; DE 59903803 D1 20030130; DK 0950626 T3 20030407; US 6264133 B1 20010724

DOCDB simple family (application)

**EP 99103643 A 19990225**; AU 1735199 A 19990217; CA 2264079 A 19990302; DE 59903803 T 19990225; DK 99103643 T 19990225; US 25969399 A 19990301