

Title (en)

Winding device for webs of paper or cardboard

Title (de)

Wickelvorrichtung für Bahnen aus Papier oder Karton

Title (fr)

Dispositif bobineur pour des bandes en papier ou carton

Publication

EP 0561154 B1 19960424 (DE)

Application

EP 93102112 A 19930211

Priority

DE 4208790 A 19920319

Abstract (en)

[origin: US5464169A] A winding device for paper or cardboard with at least two axis-parallel support elements for the sheet winding, which extend at least over the length of the sheet winding (T) and of which at least one is a carrier roll (2). The other support element has a rigid carrier (4), which guides the sheet winding over a sheath (7, 7') arranged in a rotating manner around the carrier or guided in a flexible tubing manner, and a carrying shoe (5, 5') combined with it and acting hydrodynamically with respect to sheath (7, 7'), which carrying shoe is provided with a concave pressure surface whose radius of curvature essentially corresponds to the maximum winding (T) including the sheath wall thickness, whereby carrying shoe (5, 5') can be adapted in its position to the size (position of the periphery) of the sheet winding (W) which is wound and present each time.

IPC 1-7

B65H 27/00; **B65H 18/14**

IPC 8 full level

B65H 18/14 (2006.01); **B65H 18/20** (2006.01); **B65H 18/22** (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP US)

B65H 18/20 (2013.01 - EP US); **B65H 18/22** (2013.01 - EP US); **B65H 27/00** (2013.01 - EP US); **B65H 2404/112** (2013.01 - EP US); **B65H 2404/1441** (2013.01 - EP US); **B65H 2404/185** (2013.01 - EP US); **B65H 2404/4214** (2013.01 - EP US)

Cited by

DE10312688A1; WO9513980A1; WO9833732A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

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US 5464169 A 19951107; AT E137201 T1 19960515; CA 2092008 A1 19930920; DE 4208790 A1 19930923; DE 4208790 C2 19941020; DE 59302313 D1 19960530; EP 0561154 A1 19930922; EP 0561154 B1 19960424; FI 110258 B 20021231; FI 931063 A0 19930310; FI 931063 A 19930920; JP 3406015 B2 20030512; JP H06278919 A 19941004

DOCDB simple family (application)

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