

Title (en)  
DEVICE FOR WINDING UP MATERIAL WEBS.

Title (de)  
VORRICHTUNG ZUM AUFWICKELN VON MATERIALBAHNEN.

Title (fr)  
DISPOSITIF D'ENROULEMENT DE BANDES DE MATERIAU.

Publication  
**EP 0481029 B1 19950920 (DE)**

Application  
**EP 91907124 A 19910328**

Priority  
• DE 4014512 A 19900507  
• EP 9100604 W 19910328

Abstract (en)  
[origin: WO9117106A1] Known devices for winding up material webs, in particular paper or cardboard webs, on winding tubes, have longitudinal cutters for separating the material web (1) into individual webs and winding stations (9, 10) arranged on both sides of a driven back-up roll (8). The winding stations have two bearing elements (11, 12) movable in a direction parallel to the back-up roll and upon which is secured a guiding head (15, 16) with a rotative drive (17, 18) that can move in the direction of the back-up roll and penetrate in the winding tubes. In order to be able to adjust without problems the winding stations (9, 10) to various formats, in particular very narrow formats, liquid-cooled electric motors are used as rotative drives (17, 18) for the guiding heads (15, 16).

IPC 1-7  
**B65H 19/22**; **B65H 18/10**

IPC 8 full level  
**B65H 18/10** (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP US)  
**B65H 18/10** (2013.01 - EP US); **B65H 19/2284** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2301/414863** (2013.01 - EP US); **B65H 2301/5305** (2013.01 - EP US); **B65H 2515/12** (2013.01 - EP US); **Y10S 242/909** (2013.01 - EP US)

Cited by  
WO9809901A1; DE19731060B4; US6234419B1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9117106 A1 19911114**; AT E128095 T1 19951015; CA 2064076 A1 19911108; CA 2064076 C 20030506; DE 4014512 A1 19911114; DE 4014512 C2 19920312; DE 59106521 D1 19951026; EP 0481029 A1 19920422; EP 0481029 B1 19950920; ES 2080310 T3 19960201; FI 107602 B 20010914; FI 920040 A0 19920103; JP 2929505 B2 19990803; JP H05500649 A 19930212; US 5308006 A 19940503

DOCDB simple family (application)  
**EP 9100604 W 19910328**; AT 91907124 T 19910328; CA 2064076 A 19910328; DE 4014512 A 19900507; DE 59106521 T 19910328; EP 91907124 A 19910328; ES 91907124 T 19910328; FI 920040 A 19920103; JP 50682191 A 19910328; US 80784692 A 19920122