

Title (en)  
Winding device

Title (de)  
Wickelvorrichtung

Title (fr)  
Dispositif de bobinage

Publication  
**EP 1216943 B1 20060215 (DE)**

Application  
**EP 01129056 A 20011207**

Priority  
DE 10063823 A 20001221

Abstract (en)  
[origin: EP1216943A2] The reel for material webs has a reel (6) with a roller carrier (3) having two roller receivers (4,5) movable between reeling and exchange positions. The receivers (4,5) are movable in two different rotational directions. A first material path pad (12,13) is provided at the end of the path to extend onto the reel. A second pad (12,17a) extends onto the reel in the opposite direction.

IPC 8 full level  
**B65H 19/22** (2006.01); **B65H 19/26** (2006.01); **B65H 19/28** (2006.01)

CPC (source: EP US)  
**B65H 19/2215** (2013.01 - EP US); **B65H 19/223** (2013.01 - EP US); **B65H 19/26** (2013.01 - EP US); **B65H 19/28** (2013.01 - EP US);  
**B65H 2403/942** (2013.01 - EP US)

Cited by  
CN103991735A; US10532904B2; WO2016074772A1; WO2024033743A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
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DE 50108947 D1 20060420; ES 2259308 T3 20061001; US 2002079401 A1 20020627; US 6644586 B2 20031111

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US 1590701 A 20011212