

Title (en)  
Winding device

Title (de)  
Spuleinrichtung

Title (fr)  
Dispositif de bobinage

Publication  
**EP 2308787 A3 20111228 (DE)**

Application  
**EP 10009386 A 20100909**

Priority  
DE 102009048611 A 20091008

Abstract (en)  
[origin: EP2308787A2] The winding device comprises a package tube which is arranged between two package plates. One package plate is coupled with a transmission shaft (8), where two power transmitting bodies are provided as clamping claws (9) that are connected with the transmission shaft in a moving manner over two pivots. One pivot is formed by a bolt which is provided in an elongated hole.

IPC 8 full level  
**B65H 54/54** (2006.01); **B65H 54/553** (2006.01); **B65H 75/24** (2006.01)

CPC (source: EP US)  
**B65H 54/543** (2013.01 - EP); **B65H 54/553** (2013.01 - EP); **B65H 75/246** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP)

Citation (search report)

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Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**EP 2308787 A2 20110413**; **EP 2308787 A3 20111228**; CN 102060211 A 20110518; DE 102009048611 A1 20110414

DOCDB simple family (application)  
**EP 10009386 A 20100909**; CN 201010539165 A 20100930; DE 102009048611 A 20091008