

Title (en)  
Yarn winding device

Title (de)  
Garnaufwickelvorrichtung

Title (fr)  
Dispositif de bobinage de fil

Publication  
**EP 0761586 A2 19970312 (EN)**

Application  
**EP 96113021 A 19960813**

Priority  
JP 22441995 A 19950901

Abstract (en)  
A yarn winding device that processed yarn so it does not separate from the package or be pulled out or catch on parts during the doffing operation.  
A yarn winding device (1) that winds yarns (Y10,Y1,Y1a) arranged with yarn end processing means (10a,10b) that splay the yarn end (Yt) so that the cut yarn end (Yt) does not separate from the package (P).

IPC 1-7  
**B65H 65/00**; **B65H 54/70**

IPC 8 full level  
**B65H 54/08** (2006.01); **B65H 54/70** (2006.01); **B65H 65/00** (2006.01); **D01H 9/04** (2006.01)

CPC (source: EP)  
**B65H 54/70** (2013.01); **B65H 65/005** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
CN109775452A

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**EP 0761586 A2 19970312**; **EP 0761586 A3 19971029**; JP H0967066 A 19970311

DOCDB simple family (application)  
**EP 96113021 A 19960813**; JP 22441995 A 19950901