

Title (en)  
Winding method and device

Title (de)  
Wickelverfahren und Vorrichtung

Title (fr)  
Procédé et dispositif de bobinage

Publication  
**EP 0814045 B1 20010905 (EN)**

Application  
**EP 97108470 A 19970526**

Priority  
• JP 15843996 A 19960619  
• JP 15844096 A 19960619

Abstract (en)  
[origin: EP0814045A2] On a winding method that winds by traversing yarn, the present invention forcibly restricts the traverse width of the yarn when the yarn tension decreases. Specifically, traverse restriction is carried out before cutting of the yarn, immediately before the supply yarn runs out or at the start of winding. Accordingly, end missing during winding and mis-traversing are prevented and the production of defective packages can be prevented.

IPC 1-7  
**B65H 54/02**

IPC 8 full level  
**B65H 54/28** (2006.01)

CPC (source: EP)  
**B65H 54/32** (2013.01); **B65H 54/48** (2013.01); **B65H 63/024** (2013.01); **B65H 63/086** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
DE102012002986A1; DE102009009971A1; DE102004052564A1; EP2105399A3; CN101837909A; DE102009009971B4; EP2105399A2; EP3640173A4; WO2006048106A1; DE102022102407A1; WO2023148139A1

Designated contracting state (EPC)  
DE IT

DOCDB simple family (publication)  
**EP 0814045 A2 19971229; EP 0814045 A3 19981230; EP 0814045 B1 20010905**; CN 1168856 A 19971231; CN 1184123 C 20050112; DE 69706481 D1 20011011; DE 69706481 T2 20020613

DOCDB simple family (application)  
**EP 97108470 A 19970526**; CN 97103718 A 19970326; DE 69706481 T 19970526