

Title (en)  
Bunch winding method

Title (de)  
Aufwickelverfahren zum Bilden einer Fadenreserve

Title (fr)  
Procédé pour former une réserve de fil

Publication  
**EP 1065163 B1 20061213 (EN)**

Application  
**EP 00112095 A 20000605**

Priority  
JP 18744799 A 19990701

Abstract (en)  
[origin: EP1065163A2] The present invention provides a take-up winder and a bunch winding method therefor wherein a yarn can be transfered from a full bobbin to an empty bobbin without being damaged to form a bunch winding. According to the present invention, a contact roller 6 is separated from an empty bobbin B, while a yarn Yb between the contact roller 6 and the empty bobbin B is moved to a bunch winding position R on the empty bobbin B to transfer a yarn Y, thereby forming a bunch on the empty bobbin B. <IMAGE>

IPC 8 full level  
**B65H 54/34** (2006.01); **B65H 67/04** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP KR)  
**B65H 54/34** (2013.01 - EP); **B65H 67/04** (2013.01 - KR); **B65H 2701/319** (2013.01 - EP)

Citation (examination)

- US 4969607 A 19901113 - BUSENHART PETER [CH], et al
- EP 0690018 A2 19960103 - TORAY ENG CO LTD [JP]

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EP4249414A1; KR100562378B1

Designated contracting state (EPC)  
DE IT

DOCDB simple family (publication)  
**EP 1065163 A2 20010103; EP 1065163 A3 20010801; EP 1065163 B1 20061213**; DE 60032289 D1 20070125; DE 60032289 T2 20070712; JP 2001019274 A 20010123; JP 3303850 B2 20020722; KR 100562378 B1 20060320; KR 20010049681 A 20010615

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