

Title (en)

Take-up winder for an elastic yarn

Title (de)

Wickelmaschine für einen elastischen Faden

Title (fr)

Bobinoir pour un fil élastique

Publication

EP 0847952 B1 20060301 (EN)

Application

EP 97121182 A 19971202

Priority

JP 33523596 A 19961216

Abstract (en)

[origin: EP0847952A1] To provide a take-up winder for elastic yarn that can reliably transfer yarn using a simple structure, and that can remove unwanted yarn resulting from yarn-transferring without damaging a package. A take-up winder for elastic yarn comprises bobbin holders 15, 16; a touch roller 3; a traversing device 4; a turret 2; and a yarn guide 7. The yarn guide 7 releases yarn Y wound around a package P from the winding width to reduce yarn tension in order to loosen the yarn Y. When the yarn guide 7, which is located at a yarn-transferring position M, is rotated to wind the yarn Y around an empty bobbin Be and contact is made, elastic yarn Y is reliably wound around the empty bobbin Be. <IMAGE> <IMAGE>

IPC 8 full level

B65H 65/00 (2006.01); **B65H 54/34** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP KR)

B65H 54/34 (2013.01 - KR); **B65H 54/346** (2013.01 - EP); **B65H 65/00** (2013.01 - EP); **B65H 67/048** (2013.01 - EP KR); **B65H 2701/319** (2013.01 - EP)

Citation (examination)

- US 4216920 A 19800812 - HASEGAWA KATSUMI [JP], et al
- EP 0690018 A2 19960103 - TORAY ENG CO LTD [JP]

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KR100562378B1; EP1129976A3; EP0985621A3; EP1065163A3; WO2012098032A1; US9365388B2

Designated contracting state (EPC)

DE IT

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EP 0847952 A1 19980617; **EP 0847952 B1 20060301**; CN 1157321 C 20040714; CN 1185404 A 19980624; DE 69735326 D1 20060427; DE 69735326 T2 20061207; JP 2917947 B2 19990712; JP H10167573 A 19980623; KR 100400098 B1 20040618; KR 19980063557 A 19981007; TW 414201 U 20001201

DOCDB simple family (application)

EP 97121182 A 19971202; CN 97120215 A 19971106; DE 69735326 T 19971202; JP 33523596 A 19961216; KR 19970056407 A 19971030; TW 88215091 U 19970821