

Title (en)

Bobbin chuck mechanism of a bobbin holder

Title (de)

Hülsenspannsystem für einen Spulendorn

Title (fr)

Dispositif de serrage de tubes pour un mandrin de bobinage

Publication

EP 1241123 A3 20030625 (EN)

Application

EP 02005523 A 20020311

Priority

- JP 2001076336 A 20010316
- JP 2002019402 A 20020129

Abstract (en)

[origin: EP1241123A2] To provide a bobbin holder the critical speed of which is high and resulting in a high speed rotation of the bobbin and from which an accomplished package can be detached smoothly a curved or bending laminated chuck piece 13 is disposed between retention rings 14a, 14b in order to swell to the radial direction by compressing a peripheral part 15 of a cylindrical member 9 for inserting a bobbin B to the axis direction, and a spacer 50 is provided between the retention rings 14a, 14b for limiting the swell of the chuck piece 13 to the radial direction (Fig. 1).
<IMAGE>

IPC 1-7

B65H 54/54; **B65H 75/24**

IPC 8 full level

B65H 75/24 (2006.01)

CPC (source: EP US)

B65H 75/2455 (2021.05 - EP US); **B65H 2701/31** (2013.01 - EP)

Citation (search report)

- [X] DE 743337 C 19431223 - JAGENBERG WERKE AG
- [XA] US 5603463 A 19970218 - KUMO ICHIRO [JP], et al
- [X] US 3980250 A 19760914 - PERSSON LEIF
- [X] US 2941735 A 19600621 - WYETH NATHANIEL C
- [X] US 3434675 A 19690325 - ZUCKERMAN IRA
- [X] US 3113744 A 19631210 - JULES NISENSEN
- [A] DE 2356014 A1 19740718 - SPINNEREI KARL MARX VEB
- [A] US 5217175 A 19930608 - STITZ ALBERT [DE], et al
- [PX] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06 4 June 2002 (2002-06-04)

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