

Title (en)

Bobbin holder for the one bobbin or more bobbins arranged one behind the other

Title (de)

Spulenhalter für eine oder mehrere, hintereinander angeordnete Spulen

Title (fr)

Support de bobine pour une bobine ou pour plusieurs bobines, disposées les unes derrière les autres

Publication

EP 0768270 A3 19970903 (DE)

Application

EP 96115957 A 19961004

Priority

DE 19538262 A 19951013

Abstract (en)

[origin: EP0768270A2] A chuck for one or more bobbins placed behind each other has several axially spaced groups of clamping elements (2) round the circumference of a main tube (1) accommodated in recesses with wedge shaped bearing surfaces. The clamping elements (2) are moved by a cylindrical thrust tube (3), situated round the main tube (1), with openings (12) for the clamping elements (2). The clamping elements (2) and bearing surfaces of any one group are identical and are placed along a circumference of the main tube (1). The widths of the recesses are limited in the circumferential direction and correspond to the size of the clamping elements in that direction. The thrust tube (3) holds at least two groups of clamping elements (2) and, if necessary, several thrust tubes are rigidly connected to each other. The locations of the openings (12) in the thrust tube (3) correspond to the circumferential and axial positions of the clamping elements (2) and their recesses in the main tube (1).

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B65H 54/54

IPC 8 full level

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CPC (source: EP US)

B65H 54/543 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US); **Y10T 279/1037** (2015.01 - EP US)

Citation (search report)

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- [A] US 4767077 A 19880830 - KATAOKA HIROSHI [JP]
- [DA] EP 0636565 A1 19950201 - TEIJIN SEIKI CO LTD [JP]
- [DA] DE 3044315 A1 19811001 - TEXTIMA VEB K [DD]
- [X] DATABASE WPI Section Ch Week 7619, Derwent World Patents Index; Class F02, AN 76-35054x, XP002034646
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 375 (M - 545) 13 December 1986 (1986-12-13)

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