

Title (en)

Reciprocating thread guide for winding machines with helical threaded shaft having an endless threaded groove

Title (de)

Changierfadenführer für Aufspulmaschinen mit eine endlose Gewindenut aufweisender Kehrgewindewelle

Title (fr)

Guide-fil à mouvement alternatif pour machines de bobinage avec arbre à filetage hélicoïdal ayant une rainure filetée sans fin

Publication

EP 0837022 A3 19990127 (DE)

Application

EP 97116948 A 19970930

Priority

DE 19642473 A 19961015

Abstract (en)

[origin: US5850983A] A traversing yarn guide (1) for winding machines with a reversing screwthread shaft (8) having an endless screwthread groove (14), including a main body (2) which is rectilinearly reciprocally guided on two guide rails (5, 6) and which on the one hand carries a yarn guide (3) and which on the other hand has a guide projection (12) projecting into the screwthread groove (14) of the reversing screwthread shaft (8). The traversing yarn guide further comprises a shuttle (17) which is mounted pivotably on the main body (2) and which engages into the screwthread groove (14) of the reversing screwthread shaft (8). The guide projection (12) of the main body (2) is in the form of a cylindrical pin (13) which is arranged co-axially with respect to the axis (11) of the main body (2) and which is adapted with slight clearance to the cross-sectional shape of the screwthread groove (14). The shuttle (17) is of a substantially smaller height in comparison with the height of the screwthread groove (14) and is mounted pivotably in an outside groove (16) in the pin (13).

IPC 1-7

B65H 54/28

IPC 8 full level

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CPC (source: EP KR US)

B65H 54/2812 (2013.01 - EP KR US); **B65H 57/006** (2013.01 - EP KR US); **B65H 2701/31** (2013.01 - EP KR US)

Citation (search report)

- [DA] DE 1809662 A1 19700604 - KARLSRUHE AUGSBURG IWEKA
- [DA] DE 3721139 A1 19880211 - BARMAG BARMER MASCHF [DE]
- [A] DE 2212053 A1 19730920 - BOUS KARL

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DOCDB simple family (application)

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