

Title (en)
Method and triple yarn twisting spindle for the simultaneous plying and twisting

Title (de)
Verfahren und Dreifachdraht-Zwirnspindel zum integrierten Fachen und Zwirnen

Title (fr)
Procédé et broche de retordage d'un fil triple pour assemblage et retordage simultanés

Publication
EP 0887446 A3 20000223 (DE)

Application
EP 98109255 A 19980522

Priority
DE 19727609 A 19970628

Abstract (en)
[origin: EP0887446A2] During integrated folding and twisting, at least two supply bobbins (5,6), connected rigidly and coaxially above each other, are rotated on a bobbin support (2.5) inside a housing (2.3). The plied and twisted yarns are taken off in an axial direction through a central yarn guide (2.41) to a wind-up. The individual yarns are unwound from the feed bobbins in opposite i.e. clockwise and anticlockwise directions respectively. Also claimed is an integrated folding and multiple twisting spindle with a driven balloon-limiting container and similar unwinding arrangements. Also claimed is a triple twisting spindle with a double housing that has a split hollow spindle and a flange to divide the container into two sections of different diameter.

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D01H 1/10

IPC 8 full level
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CPC (source: EP US)
D01H 1/108 (2013.01 - EP US)

Citation (search report)
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EP 0887446 A2 19981230; EP 0887446 A3 20000223; CZ 206098 A3 19990113; DE 19727609 C1 19990318; TR 199801237 A2 19991021; TR 199801237 A3 19991021; US 6021631 A 20000208

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