

Title (en)
Four-for one twister

Title (de)
Vierfach-Zwirnmaschine

Title (fr)
Broche quadruple torsion

Publication
EP 1452632 A2 20040901 (EN)

Application
EP 04008829 A 19971218

Priority
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Abstract (en)
The present invention relates to a four-for-one twister provided with a package supporting member which supports a supply package (P) in a stationary position on a center line, an inner yarn path (Ra) formed in a vertical direction outside of the supply package, an outer yarn path (Rb) formed in a vertical direction outside of the inner yarn path. In order to regulate the increase in tension of the yarn rotating at high speeds and to protect against yarn entanglement and to reduce, therefore, a yarn breakage the inner yarn path (Ra) is formed in an inner guiding member (39) revolving around the center line (Fig. 1). <IMAGE>

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D01H 7/88

IPC 8 full level
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CPC (source: EP)
D01H 1/105 (2013.01); **D01H 7/868** (2013.01); **D01H 7/88** (2013.01)

Cited by
CN100415967C; CN109930251A; CN109554784A; CN100412247C; CN113502569A; CN100412248C

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DE IT

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EP 0863234 A2 19980909; EP 0863234 A3 20000809; EP 0863234 B1 20040428; DE 69728855 D1 20040603; DE 69728855 T2 20050203; DE 69739244 D1 20090319; EP 1452632 A2 20040901; EP 1452632 A3 20041117; EP 1452632 B1 20090204

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