

Title (en)

Supporting spindle for clamping paper webs wound on cores

Title (de)

Tragzapfen zum Festklemmen von auf Hülse gewickelten Papierbahnen

Title (fr)

Tourillon porteur pour fixer des bandes de papier enroulées sur des mandrins

Publication

EP 0703180 B1 19990804 (DE)

Application

EP 95114444 A 19950914

Priority

DE 4433603 A 19940921

Abstract (en)

[origin: EP0703180A2] The axially extending clamp strips (2-5) on the periphery of the support pin have clamp surfaces (23,24;26,27;28,29;31,32) which can be brought into contact with an inner cover surface of a winding casing (7) for clamping the casing on the support pin. The winding casing is of compressible material, partic wound kraft paper and at the positions of the effect of the clamp strips on the casing cover a material compression occurs. On the clamp surfaces of the clamp strips is arranged at least a material compression rib (12-15) extending in the longitudinal axis direction of the clamp strips. This rib is arranged on a shoulder surface of the clamp strips.

IPC 1-7

B65H 75/24

IPC 8 full level

B65H 18/04 (2006.01); **B65H 75/10** (2006.01); **B65H 75/18** (2006.01); **B65H 75/24** (2006.01); **B65H 75/30** (2006.01)

CPC (source: EP US)

B65H 75/185 (2013.01 - EP US); **B65H 75/2484** (2021.05 - EP US); **B65H 75/30** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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EP 0703180 A2 19960327; **EP 0703180 A3 19970219**; **EP 0703180 B1 19990804**; DE 59506516 D1 19990909; JP 2603057 B2 19970423; JP H08301490 A 19961119; US 5875992 A 19990302

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EP 95114444 A 19950914; DE 59506516 T 19950914; JP 24013495 A 19950919; US 92264297 A 19970903