

Title (en)
Axially deformable bobbin

Title (de)
In axialer Richtung zusammendrückbarer Wickelträger

Title (fr)
Bobine axialement déformable

Publication
EP 0574833 B1 19960124 (DE)

Application
EP 93109332 A 19930611

Priority
DE 4219844 A 19920617

Abstract (en)
[origin: EP0574833A1] In an axially compressible winding carrier for the thermal and wet treatment of threads and yarns, with a cylindrical or frustoconical winding surface, there are provided supporting rings (1; 26) which taper radially outwards in their cross-section and which are arranged coaxially relative to one another. Adjacent supporting rings (1; 26) are connected to one another by means of struts (9; 16; 27). Provided on the mutually confronting faces of adjacent supporting rings (1; 26) are limiting stops (11, 12; 20; 28, 29) which are directed towards one another and the end faces (13, 14; 21) of which extend in the radial direction perpendicularly to the axis of the winding carrier. The end faces (13, 14; 21) fit directly into one another or cooperate respectively with an effective face (18, 19) of an intermediate element (17) provided between the limiting stops. <IMAGE>

IPC 1-7
D06B 23/04

IPC 8 full level
D06B 23/04 (2006.01)

CPC (source: EP US)
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Cited by
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EP 0574833 A1 19931222; EP 0574833 B1 19960124; AT E133457 T1 19960215; DE 4219844 A1 19940113; DE 4219844 C2 19970206; ES 2086827 T3 19960701; GR 3019357 T3 19960630; US 5445335 A 19950829

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EP 93109332 A 19930611; AT 93109332 T 19930611; DE 4219844 A 19920617; ES 93109332 T 19930611; GR 960400756 T 19960319; US 7898293 A 19930616