

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)  
**D06B 23/042** (2013.01 - EP US)

Cited by  
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AT BE CH ES FR GB GR IT LI NL

DOCDB simple family (publication)  
**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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