

Title (en)
AXIALLY COLLAPSIBLE YARN CARRIER TUBE

Publication
EP 0257268 B1 19910403 (DE)

Application
EP 87110105 A 19870713

Priority
DE 3629401 A 19860829

Abstract (en)
[origin: EP0257268A1] An axially deformable yarn carrier tube comprises in its outer surface a plurality of rows of radial, slot-shaped perforations 1 which are arranged next to one another in the circumferential direction and whose longitudinal axes enclose an angle alpha in the range between 20 and 50 DEG with an outer surface line running in the circumferential direction, the perforations overlapping at their ends. The solid outer surface sections 2 between the radial perforations 1 are of web-shaped design and by applying radial pressure to the carrier tube, with deformation in the circumferential and axial direction, can be brought into mutual abutment in the region between the ends of the perforations 1, these ends being left open. As result of the deformation of the web-shaped outer surface sections 1, the carrier tube is shortened in the axial direction and the axial shortening of the carrier tube is limited by the mutual abutment of the web-shaped outer surface sections 2. <IMAGE>

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B65H 75/24

IPC 8 full level
B65H 75/24 (2006.01); **D06B 23/04** (2006.01)

CPC (source: EP)
D06B 23/042 (2013.01)

Cited by
EP0447373A1; US5584439A; EP0354602A1; DE38444006A1; US4986488A; GB2214162A; GB2214162B; EP0376139A1; US4997141A; WO0144555A1

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