

Title (en)
Braider apparatus with improved bobbin holder.

Title (de)
Flechtmaschine mit verbessertem Klöppel.

Title (fr)
Machine à tresses avec porte-bobine amélioré.

Publication
EP 0483789 A1 19920506 (EN)

Application
EP 91118499 A 19911030

Priority
US 60555490 A 19901030

Abstract (en)
An apparatus is disclosed for braiding fine denier yarns to form a braided suture product which includes a carrier housing 42, a main carrier support plate 18 for guiding a plurality of yarn carriers 22 through predetermined paths while dispensing fine denier yarns toward a braiding zone. Each yarn carrier has a spindle 44 for mounting a molded bobbin, with a spindle tip 118 having a recess 126 engageable with resilient leg portions of a bobbin hold down member 90 hingedly mounted for rotation relative to the carrier housing. Tension on the yarn controls rotational movement of the bobbin to dispense yarn therefrom, and the tension of the final braided suture product is controlled to form a product of predetermined uniform appearance.
<IMAGE>

IPC 1-7
D04C 3/14

IPC 8 full level
D04C 3/14 (2006.01)

CPC (source: EP)
D04C 3/18 (2013.01)

Citation (search report)
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• [X] CH 85215 A 19200601 - JEAN KAPPELER [CH], et al
• [A] GB 872679 A 19610712 - B & F CARTER & CO LTD
• [A] US 1582055 A 19260427 - MAX KRISSIEP
• [A] US 2053161 A 19360901 - OLSON ROBERT V, et al

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