

Title (en)  
Core

Title (de)  
Hülse

Title (fr)  
Tube

Publication  
**EP 1067080 A2 20010110 (DE)**

Application  
**EP 00110860 A 20000523**

Priority  
DE 19931221 A 19990706

Abstract (en)  
A tube, e.g. a conical yarn tube (40,50,60), is wound from several layers of material. The material is cut so that the ends of each layer form a butt join (41,51 61) and the location of the join is staggered uniformly round the circumference from layer to layer. The ends at the joins can be rectangular or tapered. The manufacturing process involves the steps of applying adhesive to the cut material, except for the innermost and outermost layer, winding or placing in a staggered formation, and finishing the ends and surface of the tube. Equipment can be adapted to feed material from a roll or from a stack of cut sections.

Abstract (de)  
Verfahren und Vorrichtung zur Herstellung einer Hülse (40, 50), insbesondere Garnspule, die aus mehreren Materiallagen gewickelt ist, wobei die Enden jeder gewickelten Lage stumpf aneinanderstoßen und die Stoßstellen (41, 51) der einzelnen Lagenversetzt zueinander angeordnet sind.  
<IMAGE> <IMAGE>

IPC 1-7  
**B65H 75/50**

IPC 8 full level  
**B31C 1/00** (2006.01); **B31C 7/00** (2006.01); **B65H 75/10** (2006.01); **B65H 75/50** (2006.01)

CPC (source: EP)  
**B31C 1/00** (2013.01); **B31C 7/00** (2013.01); **B65H 75/10** (2013.01); **B65H 75/50** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
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