

Title (en)

Device for yarn guiding elements on a warp knitting machine and carrier

Title (de)

Anordnung aus Fadenverarbeitungselementen einer Kettenwirk- oder Strickmaschine und einem Träger

Title (fr)

Dispositif d'éléments guides fils dans un métier à tricoter chaîne et support

Publication

EP 0806507 A3 19981209 (DE)

Application

EP 97107144 A 19970430

Priority

DE 19618368 A 19960508

Abstract (en)

[origin: EP0806507A2] An arrangement of thread working elements (2) in a knitting machine has a carrier (1) in which the elements lie at equal intervals in one plane, project from one (5) of its end faces and are locked in place by material applied to element end sections (7). The carrier has a groove (6) in the end face in which the element ends are bedded, using a curable filling paste (3) as the material to form the interlocking join. Also claimed is a process for making the arrangement where the carrier is a flat piece prefabricated with its groove. The filling paste is applied to the groove, the element end sections are introduced into the groove using a tool for holding the elements in one plane and the paste is allowed to harden.

IPC 1-7

D04B 27/24

IPC 8 full level

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CPC (source: EP KR US)

D04B 27/02 (2013.01 - KR); **D04B 27/06** (2013.01 - EP US); **D04B 27/24** (2013.01 - EP US); **Y10T 156/1057** (2015.01 - EP US)

Citation (search report)

- [A] DE 4438061 C1 19951214 - HEGUPLAST V GUTWALD KG KUNSTST [DE]
- [A] US 3369379 A 19680220 - SHEPARD RICHARD W
- [A] DE 2112122 A1 19730322 - MAYER TEXTILMASCHF

Cited by

EP2025786A1; CN100451201C; CN104131409A; US7055347B2; US6632317B1; WO9939035A1; WO2004001113A1; WO0031329A1; WO0068480A1

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DOCDB simple family (application)

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