

Title (en)

Method for manufacturing a slide fastener stringer

Title (de)

Verfahren zur Herstellung eines Reissverschlussbandes

Title (fr)

Procédé de fabrication pour une bande de fermeture à glissière

Publication

EP 1623645 A1 20060208 (EN)

Application

EP 05254309 A 20050708

Priority

JP 2004216987 A 20040726

Abstract (en)

A slide fastener stringer easily manufactured by a series of manufacturing steps with molding fastener elements in a warp yarn exclusion area formed on one side edge of a fastener tape, wherein a fastener tape (1) is produced by weaving with warp yarns (2) and weft yarns (3) of synthetic fiber yarn; plural pieces of water soluble fiber yarns (4) are disposed inside over plural pieces of the warp yarns (2) from the side edge (5) of the tape (1); in a dyeing step in a process for manufacturing a fastener stringer, the water soluble fiber yarns (4) are dissolved to form the warp yarn exclusion area (12); and by molding the fastener elements (13) by using the warp yarn exclusion area (12), the fastener stringer is manufactured in an easy sequential manufacturing process without applying any special processing.

IPC 8 full level

A44B 19/34 (2006.01)

CPC (source: EP KR US)

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Citation (applicant)

JP S6135049 U 19860304

Citation (search report)

- [X] GB 2012827 A 19790801 - LIGHTNING FASTENERS LTD
- [A] US 3487510 A 19700106 - FROHLICH ALFONS
- [A] EP 0292947 A1 19881130 - YOSHIDA KOGYO KK [JP]

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