

Title (en)

PRODUCTION METHOD FOR STRINGER FOR WOVEN SLIDE FASTENERS AND PRODUCTION DEVICE

Title (de)

HERSTELLUNGSVERFAHREN FÜR AUZIEHER FÜR GEWEBTE REISSVERSCHLÜSSE UND HERSTELLUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE BANDE POUR FERMETURE À GLISSIÈRE TRICOTÉE

Publication

EP 3387941 A4 20191030 (EN)

Application

EP 15910252 A 20151210

Priority

JP 2015084679 W 20151210

Abstract (en)

[origin: EP3387941A1] [Problem] To more efficiently produce woven slide fasteners. [Solution] A production method for a stringer (90) for woven slide fasteners in which a coil-shaped element row (95) is woven into one side edge of a fastener tape (91) for a knitted fabric. In this production method monofilaments are bent into a coil shape and formed into the element row as a result of the joint actions of a reciprocal action by a plurality of guides (34, 34) in the knitting width direction and a reciprocal action of a plurality of hooks (38, 38), when knitting an element row into the fastener tape by using the joint actions of a reciprocal action of a plurality of knitting needles (31) and the swing action and jogging action of a plurality of guide needles (32), said guides being arranged in the knitting width direction such that linear monofilaments (94, 94) are fed out and said hooks being arranged in the knitting width direction so as to move to a position separated from the position at which same are hooked around the monofilaments. A plurality of stringers, having the element row knitted into one side edge of the fastener tape as a result, are simultaneously produced, in a parallel state and in the knitting width direction.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [Y] EP 0823224 A2 19980211 - YKK CORP [JP]
- See references of WO 2017098636A1

Designated contracting state (EPC)

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