

Title (en)

APPARATUS FOR MANUFACTURING STRINGER FOR WOVEN SLIDE FASTENER

Title (de)

VORRICHTUNG ZUR HERSTELLUNG EINES GLIEDES EINES GEWEBTEN REISSVERSCHLUSSES

Title (fr)

APPAREIL DE FABRICATION DE DEMI-CHAÎNE POUR FERMETURE À GLISSIÈRE TISSÉE

Publication

EP 3387939 A1 20181017 (EN)

Application

EP 15910250 A 20151210

Priority

JP 2015084677 W 20151210

Abstract (en)

[Problem] To weave a stringer for a woven slide fastener using sinkers. [Solution] This apparatus for manufacturing a stringer for a woven slide fastener produces a stringer (90) for a woven slide fastener in which a coil-like element chain (95) is woven along one side edge portion of a woven fastener tape (91). The apparatus for manufacturing the stringer for the woven slide fastener is characterized in that: the apparatus is provided with a needle bed (30) having a plurality of needle grooves (30a), a plurality of weaving needles (31) which are guided by the needle grooves, a plurality of thread guiding needles (32) through which a weaving thread (92) for fastener tapes passes, a plurality of sinkers (33) for pressing one end of the stringer, a guide (34) through which a linear monofilament (94) passes through, and a hook (38) on which the monofilament is wound; the guide (34) and the hook (38) are disposed on one side of the needle bed in the direction of depth of the needle grooves; and the sinkers (33) are disposed on the other side of the needle bed in the direction of depth of the needle grooves.

IPC 8 full level

A44B 19/56 (2006.01)

CPC (source: EP)

A44B 19/56 (2013.01); **D04B 21/14** (2013.01); **D04B 23/14** (2013.01); **D10B 2501/0631** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3387939 A1 20181017; **EP 3387939 A4 20190814**; CN 107072359 A 20170818; TW 201726024 A 20170801; TW I616156 B 20180301; WO 2017098634 A1 20170615

DOCDB simple family (application)

EP 15910250 A 20151210; CN 201580002270 A 20151210; JP 2015084677 W 20151210; TW 105140153 A 20161206