

Title (en)

MANUFACTURING DEVICE AND MANUFACTURING METHOD FOR FASTENER STRINGER, AS WELL AS FASTENER STRINGER

Title (de)

HERSTELLUNGSVORRICHTUNG UND HERSTELLUNGSVERFAHREN FÜR VERSCHLUSSLEISTEN SOWIE VERSCHLUSSLEISTE

Title (fr)

DISPOSITIF DE FABRICATION ET PROCÉDÉ DE FABRICATION POUR DEMI-CHAÎNE DE FERMETURE, ET DEMI-CHAÎNE DE FERMETURE

Publication

EP 3053475 A4 20170607 (EN)

Application

EP 13895054 A 20131003

Priority

JP 2013076987 W 20131003

Abstract (en)

[origin: EP3053475A1] A manufacturing device for a fastener stringer according to the present invention comprises a wire material supply unit which intermittently supplies element-use wire materials (W) at a predetermined pitch so as to project the same upon a sliding contact surface of a cutting die (2). This wire material supply unit comprises: a plurality of supply unit parts (10a and 10b) which perform supply toward the cutting die (2) by way of each of separate supply means; and a control unit which controls the amount of supply of the wire materials (W) by way of each of the supply unit parts (10a and 10b) so as to sequentially project, upon the sliding contact surface of the cutting die (2), one among the plurality of wire materials (W) in accordance with a preset order. As a result, it is possible to manufacture, simply and at low cost, a fastener stringer (S) for which such properties as colors in fastener elements (E) are different within a contiguous element column.

IPC 8 full level

A44B 19/44 (2006.01); **B21D 53/52** (2006.01); **B21F 45/18** (2006.01)

CPC (source: EP)

B21D 53/52 (2013.01); **B21F 45/18** (2013.01); **A44B 19/46** (2013.01)

Citation (search report)

- [XA] EP 1066895 A2 20010110 - YKK CORP [JP]
- [XA] TW I313628 B 20090821
- [A] US 2006201217 A1 20060914 - IAI KENICHIRO [JP], et al
- [A] US 4962580 A 19901016 - MATSUDA YASUHIKO [JP]
- See references of WO 2015049767A1

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

DOCDB simple family (publication)

EP 3053475 A1 20160810; **EP 3053475 A4 20170607**; **EP 3053475 B1 20190501**; CN 105592745 A 20160518; CN 105592745 B 20180817; TW 201521905 A 20150616; TW I511811 B 20151211; WO 2015049767 A1 20150409

DOCDB simple family (application)

EP 13895054 A 20131003; CN 201380079974 A 20131003; JP 2013076987 W 20131003; TW 103134665 A 20141003