

Title (en)  
LOOP-FORMING METHOD AND DEVICE

Title (de)  
MASCHENBILDENDES VERFAHREN UND VORRICHTUNG

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE FORMATION DE BOUCLES

Publication  
**EP 3124664 B1 20200108 (EN)**

Application  
**EP 15179093 A 20150730**

Priority  
EP 15179093 A 20150730

Abstract (en)  
[origin: EP3124664A1] The publication is about a loop-forming process, which comprises the following actions: #c at least two system components (11, 12) are moved in one groove (16) of a needle bed relative to said needle bed (14) in a first direction (y) which corresponds to their longitudinal direction, #c said system components (11, 12) contact threads (23) for forming loops with their loop-forming means (20, 24), #c at least one spacer (10) is placed between two adjacent system components (11, 12) which are moved in the groove (16), #c whereby this spacer (10) contributes to the adjustment of the distance (21) between the loop-forming means (20, 24) of the two adjacent system components (11, 12) in a second direction (x) which corresponds to the direction of the width of the grooves (16) of the needle bed (14), whereby said at least one spacer (10) abstains from the loop-forming process, #c whereby the at least one spacer (10) is moved together with a first one of said two adjacent system components (11, 12) #c and whereby the at least one spacer (10) is at least temporarily moved inside a section (41) of the longitudinal (y) extension of a groove (16), #c in which the spacer (10) and the second system component (12) are in mechanical contact with each other and/or in which said spacer (10) is in mechanical contact with a second spacer (10) which is moved together with the second one (12) of said two adjacent system components (11, 12). An equivalent device and respective system components are also disclosed and claimed.

IPC 8 full level  
**D04B 35/02** (2006.01); **D04B 15/06** (2006.01); **D04B 35/04** (2006.01)

CPC (source: EP US)  
**D04B 15/06** (2013.01 - EP US); **D04B 15/10** (2013.01 - US); **D04B 35/02** (2013.01 - EP US); **D04B 35/04** (2013.01 - EP US); **D04B 15/14** (2013.01 - US)

Cited by  
EP3889330A1; WO2021198201A1

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 3124664 A1 20170201**; **EP 3124664 B1 20200108**; CN 108026676 A 20180511; CN 108026676 B 20210720; HK 1250251 A1 20181207; JP 2018526542 A 20180913; JP 6911027 B2 20210728; KR 102607933 B1 20231201; KR 20180033284 A 20180402; PT 3124664 T 20200323; TW 201718967 A 20170601; TW I605164 B 20171111; US 2019003090 A1 20190103; WO 2017017145 A1 20170202

DOCDB simple family (application)  
**EP 15179093 A 20150730**; CN 201680044719 A 20160727; EP 2016067914 W 20160727; HK 18109671 A 20180726; JP 2018524547 A 20160727; KR 20187005741 A 20160727; PT 15179093 T 20150730; TW 105123932 A 20160728; US 201615748918 A 20160727