

Title (en)  
TOE CLOSING METHOD AND STRUCTURE

Title (de)  
SPITZENSCHLIESSVERFAHREN UND -STRUKTUR

Title (fr)  
STRUCTURE ET PROCÉDÉ DE FERMETURE D'ORTEIL

Publication  
**EP 3034664 A1 20160622 (EN)**

Application  
**EP 15181953 A 20150821**

Priority  
TW 103143703 A 20141215

Abstract (en)  
A toe closing method for closing a toe end (110) with first and second circumferential portions (10, 20) includes the steps of: folding the first circumferential portion (10) to superimpose over the second circumferential portion (20) such that the toe end (110) is formed with opposed first and second end points (130, 140); knitting a stitching thread (T) by threading the same through the loops (120) of the superimposed circumferential portions (10, 20) to form a first loose thread (31) and an initial stitch segment (30); continuously knitting the thread (T) around the superimposed circumferential portions (10, 20) until the second end point (140) is reached to form a joining segment (40) ; and continuously knitting the thread (T) around a part of the joining segment (40) to form at least one tail portion (51, 52) and a second loose thread (53).

IPC 8 full level  
**D04B 9/56** (2006.01); **D04B 1/26** (2006.01)

CPC (source: EP US)  
**D04B 1/26** (2013.01 - EP US); **D04B 9/40** (2013.01 - EP US); **D04B 9/56** (2013.01 - EP US); **D04B 15/88** (2013.01 - US);  
**D05B 23/009** (2013.01 - US)

Citation (applicant)  
TW M476149 U 20140411 - DA KONG ENTERPRISE CO LTD [TW]

Citation (search report)  
• [A] EP 1127972 A2 20010829 - MATEC SPA [IT]  
• [A] GB 117803 A 19190102 - WILLIAMS LOUIS NAPOLEON DEVON [US]

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 3034664 A1 20160622**; **EP 3034664 B1 20170215**; CN 106192197 A 20161207; CN 106192197 B 20171212; CN 204780129 U 20151118;  
TW 201621104 A 20160616; TW I570293 B 20170211; US 2016168768 A1 20160616; US 2018100253 A1 20180412

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**EP 15181953 A 20150821**; CN 201510309101 A 20150608; CN 201520388745 U 20150608; TW 103143703 A 20141215;  
US 201514837693 A 20150827; US 201715835437 A 20171207