

Title (en)  
Tubular knitting fabric and knitting method thereof

Title (de)  
Rohrförmiges Strickgewebe und Strickverfahren dafür

Title (fr)  
Étoffe tricotée tubulaire et son procédé de tricotage

Publication  
**EP 2511404 A3 20150107 (EN)**

Application  
**EP 12002608 A 20120413**

Priority  
JP 2011089600 A 20110413

Abstract (en)  
[origin: EP2511404A2] [Problem to be solved] It is an object of the present invention is to provide a tubular knitting fabric capable of expressing novel shapes and patterns, and a knitting method thereof. [Solution] A sock as a tubular knitting fabric 5 is formed while a preceding tubular knitting area 1 corresponds to an ankle portion, a one side C-letter knitting area 2 corresponds to an instep portion, an other side C-letter knitting area 4 corresponds to a sole portion and a heel portion, and a tubular knitting area 3 is interposed between the instep portion and the sole portion. The one side C-letter knitting area 2 is knitted by repeatedly knitting stitch rows on subsequent courses and forming stitches for joining to the tubular knitting area 3 on vacant knitting needles while moving positions of knitting needles which retain stitch rows to the left side and providing a vacant knitting needle on a right end. The other side C-letter knitting area 4 is knitted by repeatedly moving stitch rows to be knitted on each course to the left side and joining the stitch row to the tubular knitting area 3. A knitting width on the other side C-letter knitting area 4 is increased on the middle of the course so as to be adapted to a shape as a heel portion. A last opening section 4c is closed by binding off process so as to form a tiptoe portion of the sock.

IPC 8 full level  
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CPC (source: EP KR)  
**D04B 1/108** (2013.01 - EP); **D04B 1/26** (2013.01 - EP KR); **D04B 7/32** (2013.01 - KR)

Citation (search report)  
• [XA] EP 2157220 A1 20100224 - SHIMA SEIKI MFG [JP]  
• [A] US 5103656 A 19920414 - HANSON II NORMAN M [US]

Cited by  
CN111379067A; EP2982787A4; US2022125128A1

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