

Title (en)

Fabric rolling apparatus for circular knitting machines

Title (de)

Stoffrollvorrichtung für Rundstrickmaschinen

Title (fr)

Appareil d'alimentation en laine pour machines à tricoter circulaires

Publication

**EP 2902351 A1 20150805 (EN)**

Application

**EP 14153206 A 20140130**

Priority

EP 14153206 A 20140130

Abstract (en)

There is disclosed a fabric rolling apparatus driven by a circular knitting machine to revolve and receive a knitted fabric (70). The fabric rolling apparatus comprises a bracket (10), a transmission rod set (20) located on the bracket (11) and a revolving fabric collection mechanism (30). The bracket (10) includes two side boxes (11) corresponding to each other and a drive mechanism (12) located in each side box (11). Each side box (11) has a top side (111) and a bottom side (112). The drive mechanism (12) drives the transmission rod set (20) to guide movement of the fabric (70). The revolving fabric collection mechanism (30) includes two revolving arms (31) hinged respectively on the side boxes (11) and a fabric rolling rod (32) driven by the transmission rod set (20) to revolve and roll the fabric (70). Each revolving arm (31) has a revolving end (311) hinged on the bottom side (112) of the side box (11) and a holding end (312) connected to the fabric rolling rod (32) at an elevation higher than the revolving end (311).

IPC 8 full level

**B65H 18/16** (2006.01); **B65H 18/02** (2006.01); **B65H 18/06** (2006.01); **D04B 15/88** (2006.01)

CPC (source: EP)

**B65H 18/023** (2013.01); **B65H 18/16** (2013.01); **D04B 15/88** (2013.01); **B65H 2301/41358** (2013.01); **B65H 2701/174** (2013.01)

Citation (applicant)

- US 7441723 B2 20081028 - CHEN SHIH-CHI [TW]
- TW 558573 B 20031021 - LIN JIN-YUNG [TW]

Citation (search report)

- [A] US 3872692 A 19750325 - MIYAGAWA YOSHIKI, et al
- [A] DE 3718659 C1 19880818 - SIPRA PATENT BETEILIGUNG
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Cited by

CN114249158A

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

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BA ME

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DOCDB simple family (application)

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