

Title (en)

DEVICE AND METHOD FOR OPENING THE EDGE OF A TUBULAR KNITTED ARTICLE OR SIMILAR

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ÖFFNEN DES RANDES EINES RUNDGESTRICKTEN ODER ÄHNLICHEN ARTIKELS

Title (fr)

DISPOSITIF ET PROCEDE D'OUVERTURE DU BORD D'UN ARTICLE TRICOTE TUBULAIRE OU ANALOGUE

Publication

**EP 1421236 A1 20040526 (EN)**

Application

**EP 02772807 A 20020819**

Priority

- IT 0200543 W 20020819
- IT FI20010163 A 20010828

Abstract (en)

[origin: WO03018903A1] The device comprises: a tubular member (5A; 5B) in which the articles are inserted; a plurality of mobile gripping members (49) mobile between a first closed position and a second open position, arranged on one outlet end of said tubular member; and guiding and orienting means (71, 73) associated to said outlet end of said tubular member, for guiding and orienting the tubular article inserted in said tubular member towards said gripping members.

IPC 1-7

**D06G 3/04**; **D04B 9/40**; **D04B 9/56**

IPC 8 full level

**D04B 9/40** (2006.01); **D04B 9/56** (2006.01); **D06G 3/02** (2006.01); **D06G 3/04** (2006.01)

CPC (source: EP KR US)

**D04B 9/40** (2013.01 - EP US); **D04B 9/56** (2013.01 - KR); **D04B 15/92** (2013.01 - EP US); **D06C 5/005** (2013.01 - EP US); **D06G 3/02** (2013.01 - EP US); **D06G 3/04** (2013.01 - EP US)

Citation (search report)

See references of WO 03018903A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03018903 A1 20030306**; BR 0212231 A 20041005; CA 2458557 A1 20030306; CN 1549879 A 20041124; EP 1421236 A1 20040526; IT FI20010163 A1 20030228; JP 2005501187 A 20050113; KR 20040035746 A 20040429; MX PA04001817 A 20040723; PL 368621 A1 20050404; RU 2004109137 A 20050227; US 2004244431 A1 20041209

DOCDB simple family (application)

**IT 0200543 W 20020819**; BR 0212231 A 20020819; CA 2458557 A 20020819; CN 02816819 A 20020819; EP 02772807 A 20020819; IT FI20010163 A 20010828; JP 2003523741 A 20020819; KR 20047003071 A 20020819; MX PA04001817 A 20020819; PL 36862102 A 20020819; RU 2004109137 A 20020819; US 48839404 A 20040226