

Title (en)

Method and device for processing a tube moving lengthways, in particular textile fabric tube

Title (de)

Verfahren und Vorrichtung zum Bearbeiten eines in seiner Längsrichtung bewegten Schlauches, insbesondere textilen Gewebes Schlauches

Title (fr)

Procédé et dispositif de traitement d'un tuyau déplacé dans le sens de la longueur, en particulier un flexible textile

Publication

EP 2546407 A3 20140806 (DE)

Application

EP 12401142 A 20120709

Priority

DE 102011051753 A 20110712

Abstract (en)

[origin: EP2546407A2] The method involves folding a hose (8) into two flat superposed hose layers such as lower layer (8.1) and top layer (8.2). Two tube layers are processed relative to tube longitudinal direction, based on limited surface area in tube machining apparatus (1). A pressure-resistant separating element (5) is inserted between two hose layers. The separating element in form of plate-shaped elongated tongue is attached to separation element retaining element (6), while its other end is held by retaining element (6) cooperating with separation element retaining device (7) during tube movement. Independent claims are included for the following: (1) device for processing tube such as textile fabric tube moving intermittently in longitudinal direction; and (2) method for aligning and stretching of hose structure separating element.

IPC 8 full level

D06H 7/02 (2006.01); **B26D 3/16** (2006.01); **D06H 7/22** (2006.01)

CPC (source: EP)

B26D 3/163 (2013.01); **D06H 7/02** (2013.01); **D06H 7/221** (2013.01); **B26D 7/086** (2013.01)

Citation (search report)

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- [A] JP 2004149977 A 20040527 - SAKURA GOMME KK
- [A] EP 1876284 A2 20080109 - IPROTEX GMBH & CO KG [DE]
- [A] WO 9854393 A1 19981203 - RAYCHEM LTD [GB], et al

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CN110451322A

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 2546407 A2 20130116; **EP 2546407 A3 20140806**; **EP 2546407 B1 20200325**; DE 102011051753 A1 20130117; HU E051106 T2 20210301

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