

Title (en)

AUTOMATIC STATION TO STAPLE A MEMBRANE ELEMENT TO A SUPPORT AND METHOD THEREOF

Title (de)

AUTOMATISCHE STATION ZUM HEFTEN EINES MEMBRANELEMENTS AN EINER UNTERLAGE UND VERFAHREN DAFÜR

Title (fr)

STATION AUTOMATIQUE POUR AGRAFER UN ÉLÉMENT DE MEMBRANE À UN SUPPORT ET PROCÉDÉ ASSOCIÉ

Publication

**EP 3130434 A1 20170215 (EN)**

Application

**EP 16181569 A 20160727**

Priority

IT UB20152514 A 20150727

Abstract (en)

An automatic station (1) to cover a support (7) with a membrane element (8), comprises an articulated arm (4), a stapler (5) moved by the articulated arm (4), a fixing sub-station (2) to retain the membrane element (8) in a predefined position on the support (7), and a gripping element (18) moved by the articulated arm (4) and adapted to hook an edge portion (9) of the membrane element (8) while the support (7) is retained by the fixing sub-station (2) to tension the edge portion (9) before the stapler (5) fixes the edge portion (9) to the support (7).

IPC 8 full level

**B27F 7/26** (2006.01); **B29C 63/00** (2006.01); **B29C 65/00** (2006.01); **B29C 65/56** (2006.01)

CPC (source: EP)

**B27F 7/26** (2013.01)

Citation (search report)

- [A] US 2013149491 A1 20130613 - WAKEMAN MARTYN DOUGLAS [CH], et al
- [A] US 5816467 A 19981006 - DUNN BRIAN J [US]
- [A] WO 2012047603 A1 20120412 - WILLIAMS ROBOTICS LLC [US], et al

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 3130434 A1 20170215; EP 3130434 B1 20180314**; ES 2666469 T3 20180504; IT UB20152514 A1 20170127; MA 40925 A 20180314; PL 3130434 T3 20180831; PT 3130434 T 20180607

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