

Title (en)
PNEUMATIC MECHANISM FOR PLACING WASHERS AND EYELETS

Title (de)
PNEUMATISCHER MECHANISMUS ZUR PLATZIERUNG VON UNTERLEGSCHIEBEN UND ÖSEN

Title (fr)
MÉCANISME PNEUMATIQUE POUR LA MISE EN PLACE DE RONDELLES ET D'OEILLETES

Publication
EP 3056108 A1 20160817 (EN)

Application
EP 14851630 A 20140916

Priority
• ES 201331152 U 20131008
• ES 2014070706 W 20140916

Abstract (en)
This describes a mechanism for the placement of washers and eyelets, operated pneumatically, designed to perforate a support and place washers and eyelets in the perforations made, which consists of a first shaft-piston sub-assembly (A), internally hollow, that includes a piston with a central hole for the passing of a threaded proximal end of a first shaft, a second shaft-piston sub-assembly (B), with a smaller diameter and longer than the first, housed concentrically and moving in the former, with a piston with a central hole for the passing of a threaded proximal end of a second shaft, and a third sub-assembly (C) that includes a pneumatic cylinder with a lid with a hole for air to pass to move the first and second sub-assemblies towards an external object to be perforated.

IPC 8 full level
A43D 1/02 (2006.01); **A41H 37/02** (2006.01)

CPC (source: EP)
A41H 37/02 (2013.01); **A43D 1/02** (2013.01)

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 3056108 A1 20160817; **EP 3056108 A4 20170524**; ES 1093205 U 20131118; ES 1093205 Y 20140211; WO 2015052363 A1 20150416

DOCDB simple family (application)
EP 14851630 A 20140916; ES 201331152 U 20131008; ES 2014070706 W 20140916