

Title (en)

Automatic device for the application and fastening of rivets.

Title (de)

Automatische Vorrichtung zur Anbringung und Befestigung von Nieten.

Title (fr)

Dispositif automatique pour l'application et fixation de rivets.

Publication

**EP 0541148 A1 19930512 (EN)**

Application

**EP 92203260 A 19921023**

Priority

IT MI912983 A 19911108

Abstract (en)

An automatic device for the application of rivets (8) to substantially flat components (10) comprising a fixed base (1) with which is made integral a support (2) in which are provided housings (2a,2b) containing means (7) for the temporary holding of rivets and means (4) for supporting a punch (11), such means (4,7) being designed to perform reciprocating and synchronized movements inside the relevant housings (2a,2b) under the controlling action of means for pushing (3) and for joining (5,6), there being also provided means for automatically feeding rivets (8) and means (9) for pushing the same, capable of inserting rivet (8) into such flat member (10) and of countering the thrust action of punch (11) applied against the lower part of the rivet projecting from flat member (10) so as to deform and press it into the flat slab in order to achieve the definitive fastening thereof. <IMAGE>

IPC 1-7

**B21J 15/02**; **B21J 15/10**

IPC 8 full level

**B21J 15/02** (2006.01); **B21J 15/10** (2006.01)

CPC (source: EP)

**B21J 15/02** (2013.01); **B21J 15/025** (2013.01); **B21J 15/10** (2013.01); **B21J 15/36** (2013.01)

Citation (search report)

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- [A] FR 480219 A 19160706 - ANDRU LARSEN [US]
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