

Title (en)

Device and method for assembling parts by hemming

Title (de)

Vorrichtung und Verfahren zur Verbindung von Bauteilen durch Falzen

Title (fr)

Dispositif et procédé d'assemblage de pièces par pliage

Publication

EP 1968758 B1 20090415 (FR)

Application

EP 06847166 A 20061218

Priority

- FR 2006051376 W 20061218
- FR 0650044 A 20060105

Abstract (en)

[origin: FR2895690A1] A device for assembling components by folding the edges of panels together, comprises an arm (2) carrying a tool (1) exerting an effort on the edge of a panel to be folded over another panel. The arm is mounted to move axially with respect to a body (3, 4) of the device and under a force exerted by an elastic element (5). The elastic element is mounted between two mobile flanges (8, 9), each arranged to be displaced from a rest position. The arm is configured to move with one or other of the flanges along an axial direction to bring the two flanges closer together. An independent claim is also included for a method of crimping using this device.

IPC 8 full level

B21D 39/02 (2006.01)

CPC (source: EP)

B21D 39/02 (2013.01); **B21D 39/021** (2013.01); **B21D 39/023** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2895690 A1 20070706; FR 2895690 B1 20090703; AT E428519 T1 20090515; BR PI0621099 A2 20120508; BR PI0621099 B1 20190115; CN 101356026 A 20090128; CN 101356026 B 20100908; DE 602006006349 D1 20090528; EP 1968758 A2 20080917; EP 1968758 B1 20090415; ES 2324960 T3 20090820; PT 1968758 E 20090522; WO 2007077377 A2 20070712; WO 2007077377 A3 20070823

DOCDB simple family (application)

FR 0650044 A 20060105; AT 06847166 T 20061218; BR PI0621099 A 20061218; CN 200680050415 A 20061218; DE 602006006349 T 20061218; EP 06847166 A 20061218; ES 06847166 T 20061218; FR 2006051376 W 20061218; PT 06847166 T 20061218