

Title (en)

STAPLING MACHINE FOR FASTENING A CLOSURE ELEMENT, SUCH AS A SNAP FASTENER, TO A SUPPORTING WEB SUCH AS A GARMENT

Publication

EP 0187995 A3 19870902 (DE)

Application

EP 85116427 A 19851221

Priority

DE 3501224 A 19850116

Abstract (en)

[origin: US4703882A] A riveting press wherein the female component of a composite button, knob or a like article of hardware is introduced between the jaws of first tongs below a sheet of textile material whose marked side faces upwardly, and wherein the male component of the article is introduced between the jaws of second tongs at a level above the sheet. The first tongs deposit the female component on a stationary anvil while the second tongs descend toward the upper side of the sheet to place the male component into the path of movement of a descending ram which causes a deformable part of the male component to penetrate through the sheet and to be deformed into permanent engagement with the female component by a centering stud which is provided on the anvil. The mechanism which moves the first tongs up and down derives motion from the mechanism which moves the second tongs and the ram.

IPC 1-7

A41H 37/04

IPC 8 full level

A41H 37/10 (2006.01); **A41H 37/04** (2006.01)

CPC (source: EP US)

A41H 37/04 (2013.01 - EP US)

Citation (search report)

- [AD] DE 3313682 A1 19841018 - PRYM WERKE WILLIAM [DE]
- [A] DE 3046939 A1 19810917 - YOSHIDA KOGYO KK [JP]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0187995 A2 19860723; EP 0187995 A3 19870902; EP 0187995 B1 19891018; DE 3501224 A1 19860717; DE 3573709 D1 19891123; FI 84688 B 19910930; FI 84688 C 19920110; FI 860108 A0 19860110; FI 860108 A 19860717; JP H0765242 B2 19950712; JP S61167005 A 19860728; US 4703882 A 19871103

DOCDB simple family (application)

EP 85116427 A 19851221; DE 3501224 A 19850116; DE 3573709 T 19851221; FI 860108 A 19860110; JP 149086 A 19860109; US 81879186 A 19860114