

Title (en)

METHOD FOR MOUNTING MALE SNAP BUTTON, MALE SNAP BUTTON, MALE SNAP BUTTON STRUCTURE, METHOD FOR MOUNTING FEMALE SNAP BUTTON, FEMALE SNAP BUTTON, AND FEMALE SNAP BUTTON STRUCTURE

Title (de)

VERFAHREN ZUR MONTAGE EINES DRUCKKNOPFKOPFES, DRUCKKNOPFKOPF, STRUKTUR EINES DRUCKKNOPFKOPFES, VERFAHREN ZUR MONTAGE EINER DRUCKKNOPFVERTIEFUNG, DRUCKKNOPFVERTIEFUNG UND STRUKTUR EINER DRUCKKNOPFVERTIEFUNG

Title (fr)

PROCÉDÉ DE MONTAGE DE BOUTON-PRESSION MÂLE, BOUTON-PRESSION MÂLE, STRUCTURE DE BOUTON-PRESSION MÂLE, PROCÉDÉ DE MONTAGE DE BOUTON-PRESSION FEMELLE, BOUTON-PRESSION FEMELLE ET STRUCTURE DE BOUTON-PRESSION FEMELLE

Publication

EP 2517590 A4 20131218 (EN)

Application

EP 09852584 A 20091225

Priority

JP 2009071673 W 20091225

Abstract (en)

[origin: EP2517590A1] In a male or female snap button (10, 50, 70) including a base (11, 51, 71) and a mounting opening (13, 53, 73), a cylindrical protrusion (14, 54, 74) is provided around the mounting opening. When the male or female snap button (10, 50, 70) is being mounted to a fabric (1), after a post (22) of a button fastener (20) has passed through the fabric (1) and then the mounting opening (13, 53, 73), the post (22) is swaged by an upper die. At this time, the protrusion (14, 54, 74) of the male or female snap (10, 50, 70) is crushed between the post (12) and the base (11, 51, 71). Thereby, a part of a load as imposed on the male or female snap button (10, 50, 70) can be absorbed by the deformation of the protrusion (14, 54, 74).

IPC 8 full level

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CPC (source: EP US)

A44B 17/0005 (2013.01 - EP US); **A44B 17/0052** (2013.01 - EP US); **Y10T 24/45262** (2015.01 - EP US); **Y10T 29/49957** (2015.01 - EP US)

Citation (search report)

- [X] US RE19624 E 19350625
- [X] US 4430777 A 19840214 - TAKEDA TADASHI [JP]
- See references of WO 2011077569A1

Cited by

EP3640482A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

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EP 09852584 A 20091225; CN 200980163465 A 20091225; JP 2009071673 W 20091225; JP 2011547178 A 20091225; US 200913518506 A 20091225