

Title (en)

MEMBER FOR ATTACHING BUTTON AND BUTTON

Title (de)

ELEMENT ZUM BEFESTIGEN EINES KNOPFES UND KNOPF

Title (fr)

ÉLÉMENT DE FIXATION DE BOUTON ET BOUTON

Publication

**EP 2524612 B1 20190410 (EN)**

Application

**EP 10843033 A 20100113**

Priority

JP 2010050290 W 20100113

Abstract (en)

[origin: EP2524612A1] There is provided a button fastener which can reduce failures in fastening a button to a cloth, expand a range of sorts and thicknesses of cloths applicable, and reduce costs by thinning a post of the button fastener. The button fastener comprises a disk-like base (11) and a cylindrical post (12) which protrudes from the base (11). At a distal portion (12b) of the post (12), a plurality of hollows (14) and a plurality of bulges (15) are formed alternately in the circumferential direction. When the post (12) of the button fastener (20) is piercing the cloth (1) at the time of the button (20) being fastened to the cloth (1), the cloth (1) is being compressed by the top (13) of the post (12). In addition, each of the bulges (15) bites into the cloth (1) so as to press the cloth (1) in a concentrated manner while the cloth (1) penetrates into the hollows (14) so as to relieve the press. Thereby, parts of the cloth (1) corresponding to between the bulges (15) and the hollows (14) are made tense. With such presses and tensions or strong and weak presses alternate in the circumferential direction, it will be easier to cut the cloth (1) by the post (12).

IPC 8 full level

**A44B 1/18** (2006.01); **A44B 1/06** (2006.01); **A44B 17/00** (2006.01)

CPC (source: EP)

**A44B 17/0005** (2013.01); **A44B 17/0041** (2013.01); **A44B 17/007** (2013.01); **A44B 17/0076** (2013.01)

Cited by

EP4067676A1

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)

**EP 2524612 A1 20121121**; **EP 2524612 A4 20170510**; **EP 2524612 B1 20190410**; CN 102791158 A 20121121; CN 102791158 B 20151125; JP 5615848 B2 20141029; JP WO2011086674 A1 20130516; WO 2011086674 A1 20110721

DOCDB simple family (application)

**EP 10843033 A 20100113**; CN 201080065412 A 20100113; JP 2010050290 W 20100113; JP 2011549811 A 20100113