

Title (en)

Interlocking fastener for a detachable button with automatic adjustment of distance and which cannot be withdrawn by vibrations, pressure and tearing.

Title (de)

Mechanische Kupplungsverschlussbefestigung für abnehmbare Knöpfe mit automatischer Abstandsregulierung, die sich bei Erschütterung, Druck und Zieheeinwirkung nicht von selbst lösen kann.

Title (fr)

Liaison mécanique pour boutons amovibles avec réglage automatique de la distance et qui, sousmise aux vibrations à la pression et à l'arrachement ne peut être détachée.

Publication

EP 0401425 B1 19950426 (DE)

Application

EP 89121961 A 19891128

Priority

- DE 3918686 A 19890725
- DE 8909506 U 19890725

Abstract (en)

[origin: EP0401425A1] The invention relates to a device for fastening brooches, sports badges, buttons and the like to articles of clothing by means of a mechanical interlocking fastener for removable buttons which has automatic distance adjustment and which cannot come loose as a result of vibrations, pressure and pulling. It is characterised in that it consists of a fastening pin (1), a closure sleeve (2), upper semicircular guide jaws (3), a compression spring (4), semicircular guide jaws (5) which are of hollow cylindrical construction at the bottom, coupling straps (6), guide slots (7) and a guide lid with holding pins (8). The object of the present invention is to provide an interlocking fastener for removable items of jewellery of all types, which fastener can only be coupled and uncoupled when required using only a few manipulations. <IMAGE>

IPC 1-7

A44C 11/02; **A44B 9/10**; **A44B 1/32**

IPC 8 full level

A44B 1/32 (2006.01); **A44B 9/10** (2006.01); **A44C 5/20** (2006.01); **A44C 11/02** (2006.01)

CPC (source: EP)

A44B 1/32 (2013.01); **A44B 9/10** (2013.01); **A44C 5/2061** (2013.01)

Citation (examination)

DE 1950147 A1 19710415 - HOPPE HANS

Cited by

CN107772667A; WO9217089A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0401425 A1 19901212; **EP 0401425 B1 19950426**; AT E121599 T1 19950515; DE 58909204 D1 19950601

DOCDB simple family (application)

EP 89121961 A 19891128; AT 89121961 T 19891128; DE 58909204 T 19891128