

Title (en)

SAFETY PIN FOR FASTENING ACCESSORIES

Title (de)

SICHERHEITSNADEL ZUR BEFESTIGUNG VON ZUBEHÖRTEILEN

Title (fr)

ÉPINGLE DE SÛRETÉ POUR ACCESSOIRES DE FIXATION

Publication

EP 2862468 A1 20150422 (EN)

Application

EP 13820062 A 20130708

Priority

- KR 20120077349 A 20120716
- KR 2013006048 W 20130708

Abstract (en)

A safety pin for fastening accessories is disclosed. The safety pin for fastening accessories, according to the present invention, comprises: a base part having a body in a longitudinal direction; a pin fastening part which is coupled to one end of the base part, and to which at least one pin extended in the longitudinal direction of the base part is fastened; a pin coupling part which is coupled to the other end of the base part, and which has a pin coupling groove to which the pin of the pin fastening part is inserted and coupled; and a loop button part which is coupled to the pin fastening part and the pin coupling part, is transformed by a force applied from the outside, and has a loop structure that can be restored to an original form by using internal elastic force, wherein the loop button part is transformed by a force pressed in a lateral direction of the base part and transfers a force in a mutually opposite direction to the pin fastening part and the pin coupling part, such that the pin fastening part and the pin coupling part are moved in an outward direction from the coupled points with the base part by the transferred force whereby the pin of the pin fastening part is separated from the pin coupling part.

IPC 8 full level

A44B 9/12 (2006.01); **A44B 9/00** (2006.01)

CPC (source: EP KR US)

A44B 9/00 (2013.01 - KR); **A44B 9/12** (2013.01 - EP KR US); **Y10T 24/4634** (2015.01 - EP US)

Citation (search report)

See references of WO 2014014225A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2014331461 A1 20141113; AU 2013291006 A1 20140703; AU 2013291006 B2 20150226; CA 2861303 A1 20140123; CN 104010543 A 20140827; EP 2862468 A1 20150422; JP 2015526154 A 20150910; KR 101388700 B1 20140424; KR 20140010301 A 20140124; RU 2014127342 A 20160127; WO 2014014225 A1 20140123

DOCDB simple family (application)

US 201314368599 A 20130708; AU 2013291006 A 20130708; CA 2861303 A 20130708; CN 201380004453 A 20130708; EP 13820062 A 20130708; JP 2015522999 A 20130708; KR 20120077349 A 20120716; KR 2013006048 W 20130708; RU 2014127342 A 20130708