

Title (en)

VARIABLE-SHAPE CONNECTION DEVICE FOR STRAPS, OBJECTS, PORTIONS OF GARMENTS AND ACCESSORIES

Title (de)

FORMVERÄNDERLICHE VERBINDUNGSVORRICHTUNG FÜR GURTE, OBJEKTE, TEILE VON KLEIDUNGSSTÜCKEN ODER ACCESSOIRES

Title (fr)

DISPOSITIF DE CONNEXION A GÉOMÉTRIE VARIABLE POUR SANGLES, OBJETS, PARTIES DE VÊTEMENTS ET ACCESSOIRES

Publication

EP 3214964 A1 20170913 (FR)

Application

EP 15817930 A 20151103

Priority

- FR 1402479 A 20141103
- FR 2015052968 W 20151103

Abstract (en)

[origin: WO2016071626A1] The present invention relates to a device for connecting straps, objects or portions of garments and accessories forming a quick-snap buckle. The device according to the invention comprises, in accordance with a first feature, two strictly identical and complementary parts, such that said parts may be combined to thus form a single assembly. To achieve said assembly, said parts have a main body provided with two or three parallel lobes (2-5) that are flat and curved portions that fit into one another, wherein said lobes have circular movable members that bend in order to lock the device, for the male portion of said members, and circular movable members that bend and are equivalent to push buttons (6) to release the device, for the female portion of said members. The architecture and the mode of connection of the parts make it possible to assemble not just two parts, but also three, four, five parts or more, and simultaneously make it possible to work with special functionalities or specific strap shapes.

IPC 8 full level

A44B 11/25 (2006.01); **A44B 11/26** (2006.01)

CPC (source: CN EP US)

A44B 11/2592 (2013.01 - CN EP US); **A44B 11/263** (2013.01 - CN EP US); **A44D 2200/12** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016071626A1

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)

FR 3027774 A1 20160506; **FR 3027774 B1 20171020**; CN 106998857 A 20170801; EP 3214964 A1 20170913; EP 3214964 B1 20190410; ES 2734738 T3 20191211; US 2017318912 A1 20171109; WO 2016071626 A1 20160512

DOCDB simple family (application)

FR 1402479 A 20141103; CN 201580063388 A 20151103; EP 15817930 A 20151103; ES 15817930 T 20151103; FR 2015052968 W 20151103; US 201515523809 A 20151103