

Title (en)

BELT BUCKLE FOR A SAFETY BELT SYSTEM

Title (de)

GURTSCHLOSS FÜR EIN SICHERHEITSGURTSYSTEM

Title (fr)

BOUCLE DE CEINTURE POUR UN SYSTÈME DE CEINTURE DE SÉCURITÉ

Publication

EP 3016537 A1 20160511 (DE)

Application

EP 14735555 A 20140701

Priority

- DE 102013212927 A 20130703
- EP 2014063924 W 20140701

Abstract (en)

[origin: DE102013212927B3] The buckle has a latch mechanism (3) that is arranged in housing. A spring loading element (13) is provided in the closure direction of the latch mechanism. A damping element is acted against the closure direction of the latch mechanism. The damping element is arranged on the inner side of the housing to an expected impact surface of the components of the latch mechanism during processing or unlocking movement, such that soft layer is formed.

IPC 8 full level

A44B 11/25 (2006.01)

CPC (source: EP US)

A44B 11/2546 (2013.01 - EP US); **A44B 11/2561** (2013.01 - US); **A44B 11/2576** (2013.01 - US); **Y10T 24/45623** (2015.01 - EP US)

Citation (search report)

See references of WO 2015000881A1

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)

DE 102013212927 B3 20140821; CN 105358002 A 20160224; CN 105358002 B 20190514; EP 3016537 A1 20160511; EP 3016537 B1 20170927; ES 2648612 T3 20180104; JP 2016528087 A 20160915; JP 6452260 B2 20190116; KR 102240471 B1 20210415; KR 20160027953 A 20160310; US 2016157563 A1 20160609; US 9826800 B2 20171128; WO 2015000881 A1 20150108

DOCDB simple family (application)

DE 102013212927 A 20130703; CN 201480037838 A 20140701; EP 14735555 A 20140701; EP 2014063924 W 20140701; ES 14735555 T 20140701; JP 2016522577 A 20140701; KR 20157037108 A 20140701; US 201414900879 A 20140701