

Title (en)
AUTOMATIC BUCKLE

Title (de)
Schnellverschluss

Title (fr)
Fermeture rapide

Publication
EP 2944216 B1 20160525 (EN)

Application
EP 15167473 A 20150513

Priority
IT MI20140867 A 20140513

Abstract (en)
[origin: EP2944216A1] The present invention relates to a buckle (1) to fasten together a first end (2a) and a second end (2b) of a belt (2) or two belts, comprising a female member (3,103) and a male member (4,104) respectively connected to said first end (2a) and second end (2b), wherein said male member (4,104) comprises a coupling portion (34,134) with the female member (3,103), and wherein said female member (3,103) comprises a portion (5,105) for the connection with said male member (4,104), said portion (5,105) comprising a hollow body having a longitudinal axis X, a wall (10) and a notch (17,117) in the wall (10) comprising a loop section (19,119), said loop being defined by a lower edge (22,122), by a side edge (23, 123) and by an upper edge (24,124), within said hollow body a seat (16,116) being defined for the coupling portion (34, 134) of the male member (4,104), characterised in that elastic means (14,114) are provided for in said seat (16,116), which oppose the insertion of the coupling portion (34,134) of the male member (4,104) in the seat (16,116) and further characterised in that the upper edge (24,124) of the loop section (19,119) comprises a tooth portion (25,125) for locking said portion (34,134) in a closed configuration of the buckle (1).

IPC 8 full level
A44B 11/25 (2006.01)

CPC (source: EP)
A44B 11/2596 (2013.01)

Cited by
CN110475529A; US11109646B2; US11672310B2; WO2022021516A1

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

DOCDB simple family (publication)
EP 2944216 A1 20151118; EP 2944216 B1 20160525

DOCDB simple family (application)
EP 15167473 A 20150513