

Title (en)
CLOSURE SYSTEM

Title (de)
VERSCHLUSSSYSTEM

Title (fr)
SYSTÈME DE FERMETURE

Publication
EP 3316716 A1 20180509 (DE)

Application
EP 16745605 A 20160630

Priority
• AT 505672015 A 20150630
• AT 2016050240 W 20160630

Abstract (en)
[origin: WO2017000013A1] The invention relates to a closure system (1) for objects of everyday use, comprising a rotary closure assembly (2), a closure piece (3), and a tensioning element (6). The rotary closure assembly (2) has a base part (9), a rotatably supported tensioning disk (10) for winding and unwinding a tension element (11) held thereon, and a releasable locking unit (12) for the tensioning disk (10). The locking unit (12) has an actuating device (13) having an actuating element (14). The rotary closure assembly (2) is removably held on the closure piece (3) by means of a coupling assembly (16). The actuating element (14) can be moved in a perpendicular direction with respect to an axis of rotation (20) of the tensioning disk (10) into a first release position and a following second release position. Locking elements (19, 21) of the locking unit (12) are disengaged in the first release position, and coupling elements (17, 18) of the coupling assembly (16) are disengaged in the second release position.

IPC 8 full level
A41F 1/00 (2006.01); **A41F 9/02** (2006.01); **A43C 11/16** (2006.01); **A44B 19/30** (2006.01)

CPC (source: AT EP)
A41F 1/00 (2013.01 - EP); **A43C 11/165** (2013.01 - EP); **A44B 19/262** (2013.01 - AT); **A44B 19/30** (2013.01 - AT); **A41F 9/025** (2013.01 - EP);
A44B 19/301 (2013.01 - EP)

Citation (search report)
See references of WO 2017000013A1

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)
WO 2017000013 A1 20170105; AT 517344 A4 20170115; AT 517344 B1 20170115; EP 3316716 A1 20180509; EP 3316716 B1 20191211;
ZA 201800643 B 20190731

DOCDB simple family (application)
AT 2016050240 W 20160630; AT 505672015 A 20150630; EP 16745605 A 20160630; ZA 201800643 A 20180130