

Title (en)
CARABINER

Title (de)
KARABINERHAKEN

Title (fr)
MOUSQUETON

Publication
EP 2649330 A1 20131016 (DE)

Application
EP 11793323 A 20111110

Priority
• AT 20252010 A 20101207
• AT 2011000450 W 20111110

Abstract (en)
[origin: WO2012075513A1] The invention relates to a carabiner comprising a bow (1), which has an insertion opening (2) and first and second ends (3, 4) that bound the insertion opening (2), a closing part (8), which assumes a closed position in the closed state of the carabiner, in which closed position the closing part (8) closes the insertion opening (2), wherein first and second ends (9, 10) of the closing part (8) engage with the first and second ends (3, 4) of the bow (1), and wherein the closing part can be pivoted relative to the bow (1) about a pivot axis (16) formed in the area of the engaging first ends (3, 9) of the bow (1) and of the closing part (8) into a first open position in order to open the carabiner, wherein the second end (10) of the closing part (8) moves into the area of an interior (11) of the carabiner enclosed by the bow (1) and the closing part (8) in the closed state of the carabiner, and an actuating arm (18), which retains the closing part (8) in the closed position of the closing part in an initial position and which can be moved in order to open the carabiner. The closing part (8) can be further pivoted relative to the bow (1) about a pivot axis (17) formed in the area of the engaging second ends (4, 10) of the bow (1) and of the closing part (8) into a second open position in order to open the carabiner in an alternative manner, wherein the first end (9) of the closing part (8) moves into the area of the interior (11) of the carabiner enclosed by the bow (1) and the closing part (8) in the closed state of the carabiner.

IPC 8 full level
F16B 45/02 (2006.01); **F16B 45/06** (2006.01)

CPC (source: EP US)
F16B 45/02 (2013.01 - EP); **F16B 45/023** (2021.05 - US); **F16B 45/028** (2021.05 - US); **F16B 45/06** (2013.01 - EP US);
Y10T 24/45366 (2021.05 - EP)

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)
WO 2012075513 A1 20120614; AT 510436 A4 20120415; AT 510436 B1 20120415; CA 2818077 A1 20120614; EP 2649330 A1 20131016;
JP 2014500454 A 20140109; US 2013247339 A1 20130926

DOCDB simple family (application)
AT 2011000450 W 20111110; AT 20252010 A 20101207; CA 2818077 A 20111110; EP 11793323 A 20111110; JP 2013542305 A 20111110;
US 201113990555 A 20111110