

Title (en)
SHUTTLE FOR A CLIMBING PROTECTION SYSTEM

Title (de)
SCHIFFCHEN FÜR EIN KLETTERSCHUTZSYSTEM

Title (fr)
NAVETTE DESTINÉE À UN SYSTÈME ANTI-CHUTE

Publication
EP 3229924 A1 20171018 (EN)

Application
EP 14816088 A 20141212

Priority
US 2014069906 W 20141212

Abstract (en)
[origin: WO2016093850A1] A rope grab or shuttle (20) is provided for a climbing protection system (10) and includes a frame (22), a guide structure (24), a clamping member (26), a blocking member (28), and a locking member (30). The guide structure (24) is configured to receive a cable (12) and to guide the shuttle (20) along the cable (12). The clamping member (26) is mounted for movement between a free position wherein the shuttle (20) can move freely along the cable (12) and a clamping position wherein the clamping member (26) engages against the cable (12) to resist movement of the shuttle (20) relative to the cable (12). The blocking member (28) is mounted for movement between a closed position blocking removal of the cable (12) from the guide structure (24) and an open position where the blocking member (28) does not block removal of the cable (12) from the guide structure (24). The locking member (30) is mounted for movement between a locked position and an unlocked position. The clamping member (26) is also movable to an opening position from the free position. The locking member (30) in the locked position prevents movement of the clamping member (26) to the opening position. The clamping member (26) is operably engaged with the blocking member (28) to move the blocking member (28) from the closed position to the open position as the clamping member (26) is moved from the free position to the opening position.

IPC 8 full level
A62B 1/14 (2006.01); **A62B 35/00** (2006.01); **A62B 35/04** (2006.01); **E06C 7/18** (2006.01)

CPC (source: EP)
A62B 1/14 (2013.01); **A62B 35/0087** (2013.01); **A62B 35/04** (2013.01); **E06C 7/186** (2013.01)

Citation (search report)
See references of WO 2016093850A1

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 2016093850 A1 20160616; EP 3229924 A1 20171018; EP 3229924 B1 20231122

DOCDB simple family (application)
US 2014069906 W 20141212; EP 14816088 A 20141212