

Title (en)
RAPIDLY DEPLOYABLE MODULAR SHELTER SYSTEM

Title (de)
SCHNELL EINSETZBARES MODULARES SCHUTZRAUMSYSTEM

Title (fr)
SYSTÈME D'ABRIS MODULAIRE À DÉPLOIEMENT RAPIDE

Publication
EP 4384679 A1 20240619 (EN)

Application
EP 22854816 A 20220713

Priority
• US 202117397900 A 20210809
• CA 2022051090 W 20220713

Abstract (en)
[origin: WO2023015373A1] A purlin connection assembly including a purlin, a frame segment and a spring. The purlin has a protrusion that is receivable in a first end of a slot of the frame segment. The purlin is slidable to a smaller second end of the frame segment. Locking engagement is achieved in a direction parallel to the frame segment by a pair of push buttons projecting from the frame segment that flank the purlin when in the second end, and in a direction perpendicular to the frame segment by constraining of a flared head of the protrusion in an interior of the frame segment when in the second end. The push buttons are part of a spring compressingly disposed in the interior of the frame segment, wherein the first button and the second button are biased to extend outwardly through button holes of the frame segment.

IPC 8 full level
E04H 15/48 (2006.01); **E04B 1/343** (2006.01); **E04H 15/44** (2006.01)

CPC (source: EP)
E04H 15/48 (2013.01)

Citation (search report)
See references of WO 2023015373A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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