

Title (en)
RAPIDLY DEPLOYABLE MODULAR SHELTER SYSTEM

Title (de)
SCHNELL AUFSTELLBARES MODULARES SCHUTZRAUMSYSTEM

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

Publication
EP 3931415 A4 20230222 (EN)

Application
EP 19916635 A 20190228

Priority
• US 201916287539 A 20190227
• CA 2019050237 W 20190228

Abstract (en)
[origin: WO2020172735A1] A modular tent frame system comprises a number of folding frame elements which permit the shelter to be rapidly deployed in extreme environmental conditions. Telescopically sliding legs each comprise an inner leg having a plurality of slots adapted to receive a spring-loaded latch supported on an outer leg; and the outer leg. The tent frame is characterized in that it comprises a plurality of arch brackets located around a periphery thereof for releasably receiving and securing the outer leg. The telescopically sliding legs permit the tent frame to be unfolded, and the tent fabric attached to the frame; the frame is on the ground and the tent can then be raised by sliding the outer leg elements up the inner leg elements to thereby raise the tent to the desired height, even in high winds.

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

CPC (source: EP KR)
E04H 15/18 (2013.01 - EP KR); **E04H 15/44** (2013.01 - EP); **E04H 15/48** (2013.01 - EP KR); **E04H 15/54** (2013.01 - KR); **E04H 15/60** (2013.01 - KR); **E04H 15/54** (2013.01 - EP); **E04H 15/60** (2013.01 - EP)

Citation (search report)
• [X] US 6551226 B1 20030422 - WEBBER RANDALL T [US], et al
• [X] US 6347777 B1 20020219 - WEBBER RANDALL T [US], et al
• [X] US 5167246 A 19921201 - MORTENSON CARL N [US]
• See also references of WO 2020172735A1

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 2020172735 A1 20200903; AU 2019431743 A1 20210805; AU 2019431743 B2 20231116; AU 2022211914 A1 20220901; AU 2022211914 B2 20240208; CA 3126165 A1 20200903; CA 3167702 A1 20200903; CL 2021002233 A1 20220218; CL 2021002863 A1 20221118; EP 3931415 A1 20220105; EP 3931415 A4 20230222; EP 4206421 A1 20230705; JP 2022169738 A 20221109; JP 2022530303 A 20220629; JP 7344306 B2 20230913; KR 20210129064 A 20211027; KR 20220111733 A 20220809; ZA 202104911 B 20220831; ZA 202107510 B 20220831

DOCDB simple family (application)
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