

Title (en)

FOLDING STRUCTURE THAT CAN BE UNFOLDED AND REFOLDED QUICKLY

Title (de)

FALTSTRUKTUR, DIE SICH SCHNELL AUSEINANDER- UND WIEDER ZUSAMMENFALTEN LÄSST

Title (fr)

STRUCTURE PLIABLE A DEPLOIEMENT ET REPLIEMENT RAPIDES

Publication

EP 2118408 B1 20160504 (FR)

Application

EP 07823698 A 20070807

Priority

- FR 2007051792 W 20070807
- FR 0753514 A 20070227

Abstract (en)

[origin: FR2913043A1] The structure has telescopic posts (8) provided with a lower element (9) sliding inside an upper element (10) and supporting prismatic shell assemblies which are adjacent to each other. Walls are constituted by cross-pieces of stringers (6) articulated in shears, and an unfolding or folding unit (40) is incorporated in the telescopic posts. The unfolding or folding unit is constituted by a gas cylinder (41), and a polygonal plane with a side that is used to support an odd number of the prismatic shell assemblies.

IPC 8 full level

E04H 15/46 (2006.01); **E04H 15/50** (2006.01)

CPC (source: EP US)

E04H 15/46 (2013.01 - EP US); **E04H 15/50** (2013.01 - EP US)

Citation (examination)

WO 2007057604 A1 20070524 - VITABRI SA [FR], et al

Cited by

FR3114115A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2913043 A1 20080829; FR 2913043 B1 20101112; CN 101657588 A 20100224; EP 2118408 A1 20091118; EP 2118408 B1 20160504; ES 2584908 T3 20160930; PL 2118408 T3 20170228; US 2010101617 A1 20100429; WO 2008104645 A1 20080904

DOCDB simple family (application)

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