

Title (en)
Self-erecting Portable Structure & Method.

Title (de)
Selbst-entfaltbare, tragbare Struktur und Methode.

Title (fr)
Structure portable auto-déployable et méthode.

Publication
EP 0545637 A1 19930609 (EN)

Application
EP 92310834 A 19921126

Priority
US 80027891 A 19911129

Abstract (en)
A self erecting portable structure comprising: a first fabric means having first sleeves at each end forming a first surface (20A); a second fabric means having second sleeves at each end for forming a second surface (30A); and a single wire means joined at its ends for forming an endless loop structure having a first (12A) and a second (12B) loop both of which pass through said first sleeves (24), said second loop (12B) additionally passing through said second sleeves (32) the elastic energy of said first (12A) and said second (12B) loops creation tension in said first and said second fabric means so that said second surface (30A) is displaced away from said first surface (20A) to create an interior space of said structure.
<IMAGE>

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E04H 15/40

IPC 8 full level
E04H 15/40 (2006.01)

CPC (source: EP)
E04H 15/40 (2013.01)

Citation (search report)
• [AD] US 4858634 A 19890822 - MCLEESE EDDIE S [US]
• [AD] US 3990463 A 19761109 - NORMAN LOWELL ROBERT
• [AD] US 3960161 A 19760601 - NORMAN LOWELL R

Cited by
EP1061206A3; US5809592A; US5642538A; US7954504B2; WO2022032324A1

Designated contracting state (EPC)
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EP 0545637 A1 19930609; AU 2967092 A 19930603; AU 654062 B2 19941020; CA 2084127 A1 19930530; MX 9206800 A 19940630

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EP 92310834 A 19921126; AU 2967092 A 19921126; CA 2084127 A 19921130; MX 9206800 A 19921126