

Title (en)
EXPANDABLE STRUCTURE

Title (de)
AUSDEHNBARE STRUKTUR

Title (fr)
STRUCTURE EXTENSIBLE

Publication
EP 1815090 B1 20100630 (EN)

Application
EP 05801563 A 20051104

Priority
• GB 2005004280 W 20051104
• GB 0424448 A 20041105

Abstract (en)
[origin: WO2006048672A1] An expandable structure (10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150) which is expandable from a substantially flat configuration to an expanded elongate configuration wherein the structure has a first end (22) and a second end (24) and an axis extending between the first and second end, the expandable structure comprising a frame which comprises a plurality of interconnected resilient members (30, 34, 38, 42, 46) which extend from the first end (22) of the structure to the second end (24) of the structure, and wherein adjacent resilient members (32, 36, 40, 44, 48) extend around the axis of the structure in opposite directions. Preferably, the frame defines an aperture (28) in a wall of the structure. In a preferred embodiment, the structure is a shelter which is sized to allow a person to stand in the shelter.

IPC 8 full level
E04H 15/40 (2006.01); **B63B 7/06** (2006.01)

CPC (source: EP GB US)
B63B 7/06 (2013.01 - EP GB US); **E04H 15/40** (2013.01 - EP GB)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006048672 A1 20060511; AT E472646 T1 20100715; AU 2005300330 A1 20060511; DE 602005022097 D1 20100812;
EP 1815090 A1 20070808; EP 1815090 B1 20100630; GB 0424448 D0 20041208; GB 0710367 D0 20070711; GB 2435180 A 20070815

DOCDB simple family (application)
GB 2005004280 W 20051104; AT 05801563 T 20051104; AU 2005300330 A 20051104; DE 602005022097 T 20051104;
EP 05801563 A 20051104; GB 0424448 A 20041105; GB 0710367 A 20070530