

Title (en)  
FOLDING STRUCTURE

Title (de)  
AUSFAHRBARE KONSTRUKTION

Title (fr)  
STRUCTURE DEPLOYABLE

Publication  
**EP 1492932 A1 20050105 (FR)**

Application  
**EP 03740578 A 20030408**

Priority  
• FR 0301105 W 20030408  
• FR 0204315 A 20020408

Abstract (en)  
[origin: WO03091527A1] The invention concerns a folding structure comprising independent folding elements (200) and guide means (100) including a box (110) for receiving the folding elements (200) in a stacked position and a guide (150) which emerges into the box (110) and which is adapted to receive the folding elements (200) in a juxtaposed position, the folding elements (200) including mutual catching means on the edges transverse to the displacement direction of the folding elements (200) in the guide (150). Said structure is characterized in that it comprises means (150) for preventing a relative movement between the catching means of two adjacent folding elements (200) when the latter are positioned outside the box (110) whatever the displacement direction of the folding elements (200) in the guide (150) and guide elements having a slanting position relative to the longitudinal direction of the guide (150) adapted to impose on the folding elements (200), in the box (110), a component transverse to the longitudinal direction of the guide (150), said slanting guide elements being formed by a partial inclination of the inner surface of the base wall (114) of the box (110) wherein emerges the guide (150).

IPC 1-7  
**E06B 9/06**

IPC 8 full level  
**E06B 9/06** (2006.01)

CPC (source: EP)  
**E06B 9/0638** (2013.01); **E06B 9/0676** (2013.01)

Citation (search report)  
See references of WO 03091527A1

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

DOCDB simple family (publication)  
**WO 03091527 A1 20031106**; AU 2003246795 A1 20031020; AU 2003263322 A1 20031110; DE 60321671 D1 20080731; EP 1492932 A1 20050105; EP 1492932 B1 20080618; EP 1492933 A1 20050105; EP 1492933 B1 20150617; ES 2307952 T3 20081201; ES 2546958 T3 20150930; FR 2838156 A1 20031010; FR 2838156 B1 20040903; WO 03085229 A1 20031016

DOCDB simple family (application)  
**FR 0301105 W 20030408**; AU 2003246795 A 20030408; AU 2003263322 A 20030408; DE 60321671 T 20030408; EP 03740578 A 20030408; EP 03745833 A 20030408; ES 03740578 T 20030408; ES 03745833 T 20030408; FR 0204315 A 20020408; FR 0301102 W 20030408