

Title (en)
STRUCTURES WHICH CAN BE DISMANTLED AND FOLDED, CONSISTING OF INTERCONNECTING TUBULAR ELEMENTS; AND A JOINT FOR SUCH STRUCTURES

Title (de)
AUSEINANDERNEHMBARE UND ZUSAMMENFALTBARE KONSTRUKTIONEN, BESTEHEND AUS VERBINDBAREN ROHRELEMENTEN; UND VERBINDUNGSELEMENT DAFÜR

Title (fr)
STRUCTURES, COMPOSEES D'ELEMENTS TUBULAIRES INTERCONNECTES, POUVANT ETRE DEMONTEES ET PLIEES; ET JOINT ASSOCIE

Publication
EP 1155200 B1 20050907 (EN)

Application
EP 00909623 A 20000218

Priority
• IT 0000053 W 20000218
• IT MI990393 A 19990226

Abstract (en)
[origin: WO0050702A1] Composite structures obtained by joining two or more structures of the type which presents pairs of joined tubular elements (5), whose extremity is hinged in universal joints and in which the universal joints are substantially parallelepiped in form and present four seats of hinging corresponding to the sides faces, in which said universal joints present grooves (6) along the sides of the face, in which are scheduled the seats to hinge the extended elements, in proximity of the edges and parallel to the same edges, that cooperate with C-sectioned fixing elements (9) to hold united two matched universal joints belonging to two structures from join.

IPC 1-7
E04B 1/344; **E04H 1/12**

IPC 8 full level
E04B 1/344 (2006.01); **E04H 1/12** (2006.01); **E04H 3/28** (2006.01)

CPC (source: EP)
E04B 1/3441 (2013.01); **E04H 1/1272** (2013.01); **E04H 3/28** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0050702 A1 20000831; AT E304088 T1 20050915; AU 3190100 A 20000914; AU 767178 B2 20031106; BR 0010271 A 20020122; CA 2362225 A1 20000831; CN 1143040 C 20040324; CN 1341187 A 20020320; DE 60022485 D1 20051013; EP 1155200 A1 20011121; EP 1155200 B1 20050907; ES 2248052 T3 20060316; HU P0200146 A2 20020529; IT 1309643 B1 20020130; IT MI990393 A1 20000826; JP 2002538377 A 20021112; RU 2250967 C2 20050427

DOCDB simple family (application)
IT 0000053 W 20000218; AT 00909623 T 20000218; AU 3190100 A 20000218; BR 0010271 A 20000218; CA 2362225 A 20000218; CN 00804061 A 20000218; DE 60022485 T 20000218; EP 00909623 A 20000218; ES 00909623 T 20000218; HU P0200146 A 20000218; IT MI990393 A 19990226; JP 2000601255 A 20000218; RU 2001126124 A 20000218