

Title (en)
WOVEN STRUCTURE AND PANEL OR VESSEL INCLUDING SUCH STRUCTURE

Title (de)
GEWEBTE KONSTRUKTION UND SIE ENTHALTENDES PANEL ODER GEFÄSS

Title (fr)
STRUCTURE TISSÉE ET PANNEAU OU RÉCIPIENT COMPORTANT UNE TELLE STRUCTURE

Publication
EP 2257665 A1 20101208 (FR)

Application
EP 09706322 A 20090128

Priority
• EP 2009050938 W 20090128
• FR 0850541 A 20080129

Abstract (en)
[origin: WO2009095404A1] The invention relates to a woven structure including at least two woven walls (11, 12) connected together by at least one unattached linking thread (13). According to the invention, the length variation between two consecutive sinkers of said at least one linking thread (13), each of said sinkers corresponding to a riser per weft yarn of a different wall (11, 12), is continuous on at least a portion of said structure in the direction of the warp and/or in the direction of the weft. The invention can be used in the aeronautic, maritime, furniture and automotive fields.

IPC 8 full level
D03D 13/00 (2006.01); **D03D 1/02** (2006.01); **D03D 11/00** (2006.01); **D03D 15/00** (2006.01); **D03D 25/00** (2006.01); **D03D 41/00** (2006.01); **D03J 1/22** (2006.01)

CPC (source: EP KR US)
D03D 1/02 (2013.01 - EP KR US); **D03D 11/00** (2013.01 - EP KR US); **D03D 13/008** (2013.01 - EP KR US); **D03D 15/275** (2021.01 - EP KR US); **D03D 15/46** (2021.01 - EP KR US); **D03D 25/005** (2013.01 - EP KR US); **D03D 41/004** (2013.01 - EP KR US); **D03J 1/22** (2013.01 - EP KR US); **D10B 2101/12** (2013.01 - EP KR US); **D10B 2101/20** (2013.01 - EP KR US); **D10B 2201/02** (2013.01 - EP KR US); **D10B 2321/021** (2013.01 - EP KR US); **D10B 2321/022** (2013.01 - EP KR US); **D10B 2331/02** (2013.01 - EP KR US); **D10B 2331/04** (2013.01 - EP KR US); **D10B 2331/06** (2013.01 - EP US); **D10B 2331/061** (2013.01 - EP KR US); **D10B 2401/041** (2013.01 - EP KR US); **D10B 2505/00** (2013.01 - EP US); **D10B 2505/02** (2013.01 - EP KR US); **Y10T 428/1334** (2015.01 - EP US); **Y10T 428/24921** (2015.04 - EP US); **Y10T 442/3472** (2015.04 - EP US); **Y10T 442/3504** (2015.04 - EP US); **Y10T 442/3528** (2015.04 - EP US)

Citation (search report)
See references of WO 2009095404A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
BA RS

DOCDB simple family (publication)
FR 2926821 A1 20090731; **FR 2926821 B1 20100402**; AU 2009209638 A1 20090806; AU 2009209638 B2 20141211; BR PI0906384 A2 20150707; CA 2713213 A1 20090806; CA 2713213 C 20160621; CN 101965421 A 20110202; CN 101965421 B 20130102; CY 1114245 T1 20160831; DK 2257665 T3 20130812; EA 023424 B1 20160630; EA 201070894 A1 20110228; EA 201070894 A8 20150630; EG 25936 A 20121105; EP 2257665 A1 20101208; EP 2257665 B1 20130501; ES 2423891 T3 20130925; HR P20130726 T1 20131011; IL 207291 A0 20101230; IL 207291 A 20130430; JP 2011511173 A 20110407; JP 5424214 B2 20140226; KR 101583849 B1 20160108; KR 20100115770 A 20101028; MA 33019 B1 20120201; MX 2010008162 A 20101006; MY 153368 A 20150129; NZ 587692 A 20130726; PL 2257665 T3 20131031; PT 2257665 E 20130805; SG 190574 A1 20130628; SI 2257665 T1 20131030; UA 99641 C2 20120910; US 2010327243 A1 20101230; WO 2009095404 A1 20090806; ZA 201005966 B 20120125

DOCDB simple family (application)
FR 0850541 A 20080129; AU 2009209638 A 20090128; BR PI0906384 A 20090128; CA 2713213 A 20090128; CN 200980107067 A 20090128; CY 131100645 T 20130726; DK 09706322 T 20090128; EA 201070894 A 20090128; EG 2010071271 A 20100728; EP 09706322 A 20090128; EP 2009050938 W 20090128; ES 09706322 T 20090128; HR P20130726 T 20130801; IL 20729110 A 20100729; JP 2010543523 A 20090128; KR 20107018478 A 20090128; MA 33125 A 20100826; MX 2010008162 A 20090128; MY PI20103583 A 20090128; NZ 58769209 A 20090128; PL 09706322 T 20090128; PT 09706322 T 20090128; SG 2013030762 A 20090128; SI 200930668 T 20090128; UA A201010519 A 20090128; US 86499009 A 20090129; ZA 201005966 A 20100820