

Title (en)
COMPOSITE STRUCTURE AND METHOD FOR CONSTRUCTING SAME

Title (de)
VERBUNDSTRUKTUR UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
STRUCTURE COMPOSITE ET PROCEDE DE CONSTRUCTION CORRESPONDANT

Publication
EP 1427581 A2 20040616 (EN)

Application
EP 02763675 A 20020919

Priority
• US 0229912 W 20020919
• US 96108401 A 20010920

Abstract (en)
[origin: US2003051434A1] According to one embodiment of the invention, a method of constructing a composite structure includes positioning a plurality of forming elements on a skin panel formed from a composite material in a predetermined configuration, disposing a stiffening panel formed from an uncured composite material outwardly from the forming elements to create a plurality of contact regions between the skin panel and the stiffening panel, and curing the skin panel and the stiffening panel to bond the skin panel and the stiffening panel together at the contact regions.

IPC 1-7
B29D 31/00

IPC 8 full level
B29D 99/00 (2010.01)

CPC (source: EP US)
B29C 70/222 (2013.01 - EP); **B29C 70/24** (2013.01 - EP); **B29C 70/30** (2013.01 - EP US); **B29D 99/0014** (2013.01 - EP US)

Citation (search report)
See references of WO 03024700A2

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

DOCDB simple family (publication)
US 2003051434 A1 20030320; EP 1427581 A2 20040616; WO 03024700 A2 20030327; WO 03024700 A3 20030710

DOCDB simple family (application)
US 96108401 A 20010920; EP 02763675 A 20020919; US 0229912 W 20020919