

Title (en)

PARALLEL RANDOMLY STACKED, STRANDED, BAMBOO BEAMS

Title (de)

PARALLELE, ZUFALLSGEPACKTE, VERDRILLTE BAMBUSSTÄBE

Title (fr)

POUTRE FAITE DE BRINS DE BAMBOU EMPILES DE MANIERE PARALLELE ET ALEATOIRE

Publication

EP 0907503 A4 19990526 (EN)

Application

EP 96921801 A 19960626

Priority

US 9611030 W 19960626

Abstract (en)

[origin: WO9749547A1] A composite bamboo beam for use as a substitute for natural wood beams. Segments of bamboo stalk, either split or whole, are longitudinally aligned and randomly stacked. The bamboo segments are compressed and bonded together to form a cohesive bamboo composite structure from which beams of the desired dimension may be cut.

IPC 1-7

B32B 5/12; B32B 21/14

IPC 8 full level

B27N 3/04 (2006.01)

CPC (source: EP)

B27N 3/04 (2013.01)

Citation (search report)

- [E] US 5543197 A 19960806 - PLAERN JAY [US]
- [X] EP 0798089 A1 19971001 - FORESTRY & FOREST PROD RES INS [JP]
- [A] US 4508772 A 19850402 - CHURCHLAND MARK T [CA], et al
- [A] US 4232067 A 19801104 - COLEMAN JOHN D
- See references of WO 9749547A1

Cited by

CN106592305A

Designated contracting state (EPC)

AT BE DE ES FR GB NL PT

DOCDB simple family (publication)

WO 9749547 A1 19971231; AT E222846 T1 20020915; AU 6292296 A 19980114; BR 9612688 A 19990824; DE 69623346 D1 20021002; DE 69623346 T2 20030515; EP 0907503 A1 19990414; EP 0907503 A4 19990526; EP 0907503 B1 20020828; ES 2184877 T3 20030416

DOCDB simple family (application)

US 9611030 W 19960626; AT 96921801 T 19960626; AU 6292296 A 19960626; BR 9612688 A 19960626; DE 69623346 T 19960626; EP 96921801 A 19960626; ES 96921801 T 19960626