

Title (en)
ELONGATE STRUCTURAL MEMBERS COMPRISED OF COMPOSITE WOOD MATERIAL

Publication
EP 0062139 A3 19830518 (EN)

Application
EP 82100664 A 19820130

Priority
US 25087881 A 19810403

Abstract (en)
[origin: EP0062139A2] An elongate structural member has a longitudinal axis and is comprised of a plurality of elongate panels having lateral edges, the panels being arranged to form an elongate central cavity with lateral edges of adjacent panels being fixedly joined together. The elongate panels are each comprised of a plurality of wood particles intermixed with a suitable binder and compressed to form a densified product. A rigid foam material is provided filling at least a portion of the elongate central cavity for reinforcing the elongate structure, the rigid foam material also being bonded to the inwardly facing surfaces to further reinforce the elongate structure.

IPC 1-7
E04C 3/36; **E04H 12/04**; **E04C 3/29**

IPC 8 full level
E04C 3/29 (2006.01); **E04C 3/36** (2006.01); **E04H 12/04** (2006.01)

CPC (source: EP)
E04C 3/29 (2013.01); **E04C 3/36** (2013.01)

Citation (search report)

- [A] WO 8002709 A1 19801211 - BERGE H [NO], et al
- [A] US 3956555 A 19760511 - MCKEAN HERBERT B
- [A] FR 2348345 A1 19771110 - CHAMBRIARD ETS PAUL [FR]
- [A] WO 8100585 A1 19810305 - LARSSON B [SE], et al
- [A] US 2824342 A 19580225 - HOYLE JR ROBERT J
- [A] DE 950237 C 19561004 - HERMANN GEWECKE DR ING
- [AP] FR 2479877 A1 19811009 - GOLAY ROGER SA SCIERIE [CH]
- [AP] DE 3010141 A1 19810924 - BAEHRE & GRETEN BISON ELEMENT [DE]
- [A] US 4255477 A 19810310 - HOLMAN JOHN A
- [A] GB 745540 A 19560229 - THOMAS JOHN EBDON, et al
- [A] DE 867907 C 19540315 - POELNITZ GERHARD FREIHERR VON

Cited by
FR2770865A1; FR2812317A1; CN110005245A; CN104775566A; EP0096121A1; FR3055638A1; CN110330632A; DE3636069A1; FR2589553A1; US4741144A; WO2005017276A1; WO2018046819A1

Designated contracting state (EPC)
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0062139 A2 19821013; **EP 0062139 A3 19830518**; **EP 0062139 B1 19850626**; AT E14032 T1 19850715; DE 3264351 D1 19850801; FI 71603 B 19861010; FI 71603 C 19870119; FI 820675 L 19821004; NO 820638 L 19821004

DOCDB simple family (application)
EP 82100664 A 19820130; AT 82100664 T 19820130; DE 3264351 T 19820130; FI 820675 A 19820226; NO 820638 A 19820301