

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049939 A1

(51) International Patent Classification⁷: **E04F 21/165**,
E04B 1/61

(21) International Application Number:
PCT/AU2004/001581

(22) International Filing Date:
16 November 2004 (16.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003906327 18 November 2003 (18.11.2003) AU
2004906298 18 May 2004 (18.05.2004) AU

(71) Applicant (*for all designated States except US*): **AUS-
TRALIAN CONSTRUCTION TECHNOLOGY PTY
LTD** [AU/AU]; 14 Corrard Court, Lockwood South,
Victoria 3551 (AU).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **TURNER, Shayne,
Gerard** [AU/AU]; Unit 12, 527 Princes Highway, Noble

Park, Victoria 3174 (AU). **PADULA, Mark, Fran-
cis** [AU/AU]; Unit 12, 527 Princes Highway, Noble
Park, Victoria 3174 (AU). **KOTSIPOLOUS, George**
[AU/AU]; 21 Field Avenue, Edithvale, Victoria 3196
(AU). **PETSCHEL, John** [AU/AU]; 38 Glasgow Road,
Montrose, Victoria 3765 (AU).

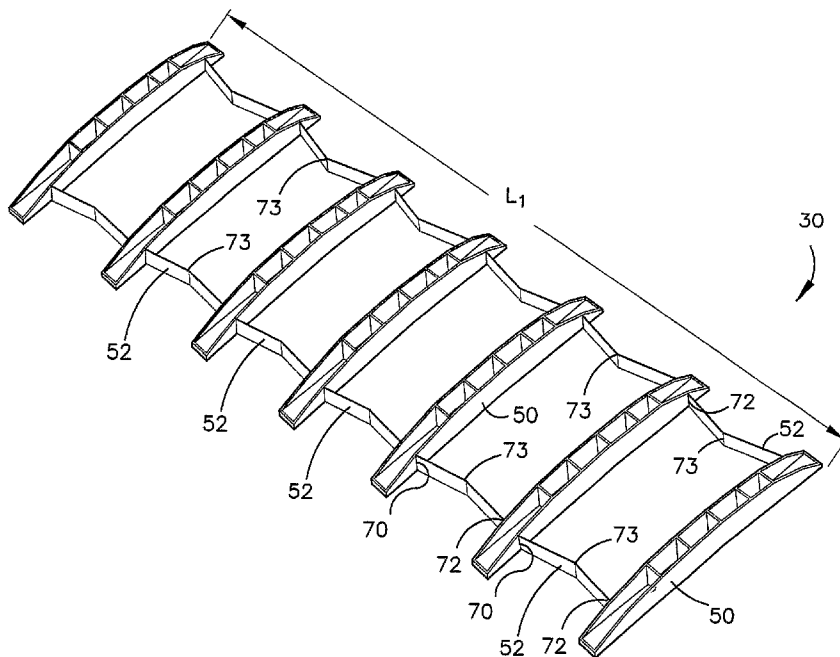
(74) Agent: **GRIFFITH HACK**; 509 St Kilda Road, MEL-
BOURNE, Victoria 3004 (AU).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: BUTT JOINT CONNECTOR



(57) Abstract: A butt joint connector is described which includes a plurality of ribs (31, 50) which are interconnected by batons (32) or webs (52). The ribs (31, 50) define first and second arms (31a, 31b and 50a, 50b) which form attachment surfaces which are inclined with respect to one another so that when connected to butt joint edges of plasterboard, the region adjacent the butt joint edges is pulled towards the connector so as to form a recess which is filled by a filler material to finish the butt joint.

WO 2005/049939 A1



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*