

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number
WO 2004/051025 A1

(51) International Patent Classification⁷: **E04D 3/30**,
3/36, E04F 13/12

(21) International Application Number:
PCT/AU2003/001611

(22) International Filing Date: 4 December 2003 (04.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002953172 4 December 2002 (04.12.2002) AU

(81) Designated States (*national*): 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, 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 (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant and

(72) Inventor: **CHARLWOOD, Grant** [AU/AU]; Lot 25
Chain o'Ponds, Mulgoa, NSW 2475 (AU).

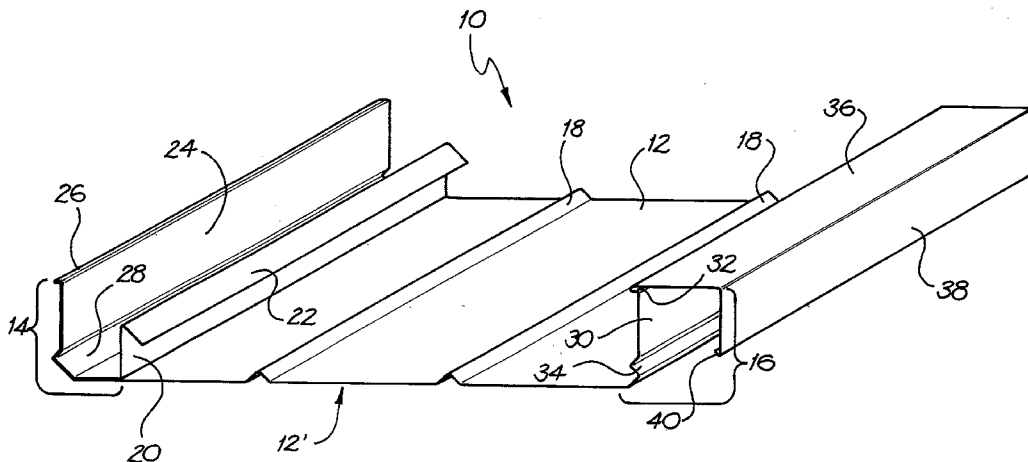
(74) Agent: **SPRUSON & FERGUSON**; GPO Box 3898, Syd-
ney, New South Wales 2001 (AU).

Published:

— with international search report

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.

(54) Title: A CLADDING ELEMENT



(57) **Abstract:** A cladding element (10) for use in a cladding element assembly. The cladding element (10) including a substantially flat web (12) having a pair of opposed longitudinal edges, a male rib formation (14) extending at least partially along one longitudinal edge and having a pair of spaced apart inner and outer upstanding ribs (20 and 24) and an engaging formation (22). The element (10) also includes a female rib formation (16) extending at least partially along the other longitudinal edge and having an inner upstanding rib (30), an outer depending rib (38) and a joining section (36), between the inner and outer ribs (38 and 34) and displaced from the plane of the web (12), and a corresponding engaging formation (40). At least one of the male or female rib formations (14 or 16) is at least partially resiliently flexible. The element (10) is adapted for assembly with a like element (10) by positioning of the male formation (14) substantially within the female formation (16) with their respective engaging formations (22 and 40) in engagement. The assembled male and female formations (14 and 16) together form a substantially rectangular closed channel (56) adapted for concealment of fixing means (44) used to fix the cladding elements (10, 10',) to a supporting structure.

WO 2004/051025 A1