

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
25 January 2024 (25.01.2024)



(10) International Publication Number
WO 2024/018193 A1

(51) International Patent Classification:

E01F 13/12 (2006.01) *E04H 17/16* (2006.01)
E01F 15/04 (2006.01) *E04H 17/20* (2006.01)

(21) International Application Number:

PCT/GB2023/051881

(22) International Filing Date:

18 July 2023 (18.07.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2210547.2 19 July 2022 (19.07.2022) GB

(71) Applicant: **BARKERS ENGINEERING LIMITED**

[GB/GB]; Westhaven House, Arlestone Way, Shirley, Solihull West Midlands B90 4LH (GB).

(72) Inventors: **WOOLRIDGE, Wayne**; Westhaven House,

Arlestone Way, Shirley, Solihull West Midlands B90 4LH

(GB), **SAVAGE, Adam**; Westhaven House, Arlestone Way, Shirley, Solihull West Midlands B90 4LH (GB).

(74) Agent: **SWINDELL & PEARSON LIMITED**; 48 Friar Gate, Derby Derbyshire DE1 1GY (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available):

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST,

(54) Title: CRASH FENCE ASSEMBLY

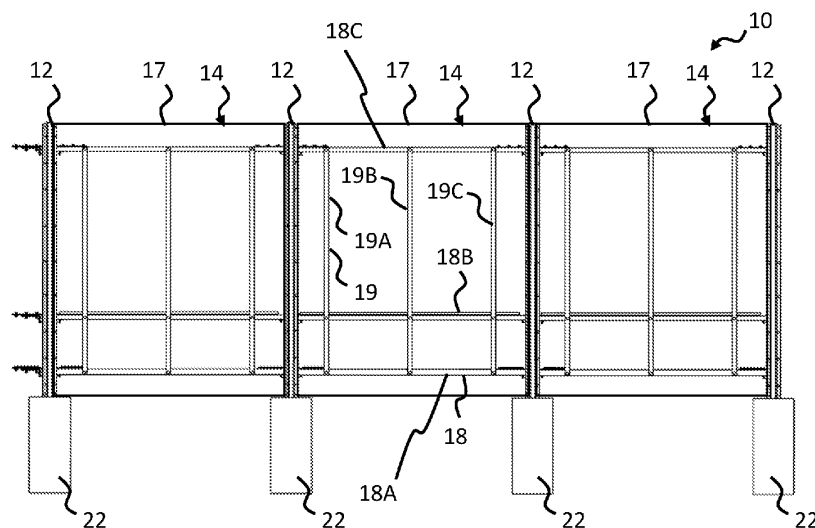


FIG. 1

(57) Abstract: A crash fence assembly (10) including: first and second uprights (12) locatable spaced from each other upstanding from the ground; and a first fence panel (14) extendible between the first and second uprights (12), the first fence panel (14) comprising: one or more barrier elements (16A, 16B) configured to define a barrier (17) between the first and second uprights (12); a first cross-panel member (18) configured to span between the first and second uprights (12); a first upstanding brace (19) configured to be secured to the first cross-panel member (18) at least a first span distance from the first upright (12) to distribute impact load, wherein the first upstanding brace (19) has a greater stiffness than the or each barrier element (16A, 16B).

[Continued on next page]

SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*