

Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) **EP 1 130 191 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **02.05.2003 Bulletin 2003/18**

(51) Int Cl.⁷: **E04G 3/00**, E01B 23/00, E01B 3/44

(43) Date of publication A2: **05.09.2001 Bulletin 2001/36**

(21) Application number: 01200693.8

(22) Date of filing: 23.02.2001

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 23.02.2000 NL 1014473

(71) Applicant: Access Platforms B.V. 4141 WP Arkel (NL)

(72) Inventor: Cox, Geert 5691 RH Son en Breugel (NL)

(74) Representative:

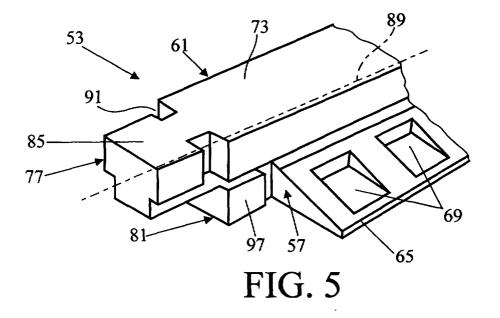
Verhees, Godefridus Josephus Maria Brabants Octrooibureau, De Pinckart 54 5674 CC Nuenen (NL)

(54) Rail construction as well as a fundament-rail bar combination for use in the rail construction

(57) A rail structure, in particular for a crane trolley of a siding maintenance installation consists of bases 57 and rails 61. The bases 57 are parallel to the rails 61 and each base forms, together with a rail, a single unit 53. This base/rail combination 53 is easy to place on the roof of a building.

The base/rail combination 53 is provided with cou-

plers 77 for coupling with another base/rail combination and further couplers 81 for coupling with a coupling element. The couplers 77 consist of a protrusion 85 that cooperates with a recess in another base/rail combination and the further couplers 81 consist of a further protrusion 97 that cooperates with couplers of the coupling element.





EUROPEAN SEARCH REPORT

Application Number EP 01 20 0693

| Category | Citation of document with inc | | Relevant | CLASSIFICATION OF THE |
|--------------------------------|---|--|---|---|
| X | of relevant passag EP 0 235 086 A (INT 2 September 1987 (1987) * page 10, line 28 | ERLEGO AG) | 1-3,5,6, 10-12 | E04G3/00 E01B23/00 E01B3/44 |
| Х | GB 2 155 523 A (IND 25 September 1985 (* figures 4,10 * | USTRAMAR LIMITED) 1985-09-25) | 1-3,12 | |
| Х | FR 2 285 491 A (VIA 16 April 1976 (1976 * page 1, line 24 - | -04-16) | 1-3,12 | |
| Х | US 1 281 451 A (WHI 15 October 1918 (1918) * page 2, line 3 - 1 figures 1-3,5,6 * | 18-10-15) | 1,2, 5-10,12 | |
| X | US 883 063 A (ULRIC 24 March 1908 (1908 * page 1, line 28 - | H JOHN) -03-24) line 65; figures 1,2 * | 1,2,5,6, 12 | TECHNICAL FIELDS SEARCHED (Int.Cl.7) |
| X | FR 2 682 146 A (BOU' 9 April 1993 (1993-0 * page 3, line 25 - figures 1,3-5 * | 94-09) | 1,2,5,6, | E04G E01B A63H E01C |
| X | FR 1 512 560 A (& M) 9 February 1968 (196 * page 1, column 2 figures 1-3 * | | 1,2,12 | |
| X | NL 7 810 709 A (MANI 29 April 1980 (1980 * page 3, line 20 - | | 1,3,12 | |
| _ | The present search report has b | een drawn up for all claims | | |
| Place of search | | Date of completion of the search | Por | Examiner V |
| X : parti Y : parti docu | MUNICH TEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anothe ment of the same category nological background | L : document cited fo | underlying the in ument, but public the application rother reasons | shed on, or |
| | written disclosure | & : member of the sa | me natent family | |

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 20 0693

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on

The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-03-2003

| Patent docu cited in search | | Publication date | | Patent family member(s) | Publication date |
|--------------------------------|----------------|---------------------|--------|----------------------------|---------------------|
| EP 0235086 | A | 02-09-1987 | AT | 90220 T | 15-06-1993 |
| | | | ΑU | 597332 B2 | 31-05-1990 |
| | | | ΑU | 6873687 A | 03-09-1987 |
| | | | BG | 47944 A3 | 15-10-1996 |
| | | | BR | 8700923 A | 22-12-1987 |
| | | | CA | 1272882 A1 | 21-08-1990 |
| | | | CN | 87101624 A ,B | 09-09-1987 |
| | | | CS | 8701110 A2 | 16-09-1988 |
| | | | DD | 260225 A5 | 21-09-1988 |
| | | | DE | 3786092 D1 | 15-07-1993 |
| | | | DK | 98887 A | 27-08-1988 |
| | | | EG | 18086 A | 30-08-1992 |
| | | | EP | 0235086 A1 | 02-09-1987 |
| | | | ES | 2040759 T3 | 01-11-1993 |
| | | | FI | 870840 A ,B, | 28-08-1987 |
| | | | HÜ | 42963 A2 | 28-09-1987 |
| | | | ΪĒ | 61083 B1 | 21-09-1994 |
| | | | ĪĹ | 81553 A | 15-04-1991 |
| | | | ĪN | 167683 A1 | 08-12-1990 |
| | | | JΡ | 2608280 B2 | 07-05-1997 |
| | | | ĴΡ | 62207487 A | 11-09-1987 |
| | | | KR | 9510509 B1 | 19-09-1995 |
| | | | LT | 2183 R3 | 15-10-1993 |
| | | | ĹV | 5583 A3 | 10-05-1994 |
| | | | ΜX | 168301 B | 17-05-1993 |
| | | | NO | 870797 A ,B, | 28-08-1987 |
| | | | NZ | 219240 A | 29-04-1988 |
| | | | PL | 264302 A1 | 28-04-1988 |
| | | | PT | 84381 A ,B | 01-03-1987 |
| | | | SU | 1604145 A3 | 30-10-1990 |
| | | | US | 4726515 A | 23-02-1988 |
| | | | ZA | 8701037 A | 30-09-1987 |
| GB 2155523 | A | 25-09-1985 | NONE | | |
| FR 2285491 | A | 16-04-1976 | FR | 2285491 A1 | 16-04-1976 |
| US 1281451 | A | | NONE | | |
| US 883063 | - A | | NONE | | |
| | - - | | | | |
| FR 2682146 | A | 09-04-1993 | FR | 2682146 A1 | 09-04-1993 |
| FR 1512560 | Α | 09-02-1968 | NONE | | |
| NL 7810709 | Α | 29-04-1980 | NONE | | |