



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
13.05.2026 Bulletin 2026/20

(43) Date of publication A2:
25.02.2026 Bulletin 2026/09

(21) Application number: **25196798.0**

(22) Date of filing: **31.07.2020**

(51) International Patent Classification (IPC):

E04G 3/28 (2006.01)	E04G 3/00 (2006.01)
E04G 3/18 (2006.01)	E04C 3/08 (2006.01)
E01D 19/10 (2006.01)	E04G 1/34 (2006.01)
E04G 3/22 (2006.01)	E04G 5/16 (2006.01)
E04G 7/02 (2006.01)	E04G 21/24 (2006.01)
E04G 3/30 (2006.01)	E04G 21/30 (2006.01)
E04B 5/10 (2006.01)	E04B 5/14 (2006.01)

(52) Cooperative Patent Classification (CPC):

**E04G 1/34; E01D 19/106; E04B 5/10; E04B 5/14;
E04C 3/08; E04G 3/22; E04G 3/30; E04G 5/165;
E04G 7/02; E04G 21/30; E04C 2003/0491;
E04G 2003/283; E04G 2003/286; E04G 2021/248**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**

(30) Priority: **02.08.2019 US 201962882384 P**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
20851154.3 / 4 007 835

(71) Applicant: **Brandsafway Services, LLC**
Atlanta, GA 30339 (US)

(72) Inventor: **GRUMBERG, Mathieu**
12054 New York (US)

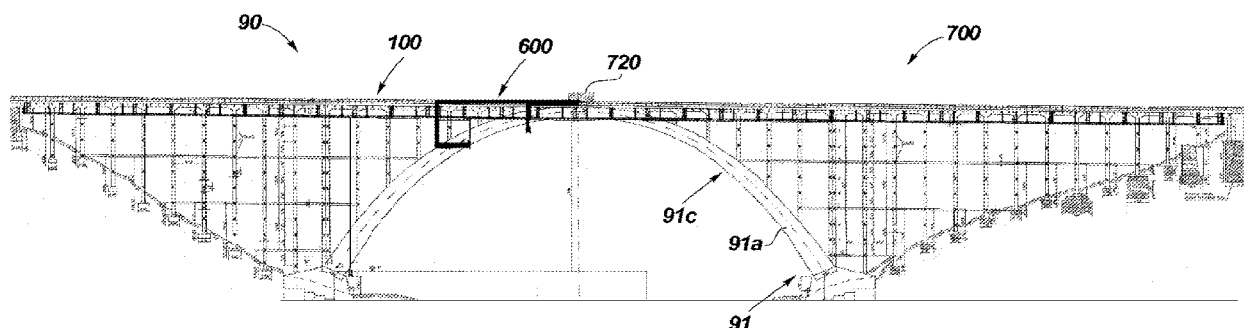
(74) Representative: **Murgitroyd & Company**
165-169 Scotland Street
Glasgow G5 8PL (GB)

(54) **MONORAIL SYSTEM AND RELATED SCAFFOLD STRUCTURES, SYSTEMS AND METHODS OF USE**

(57) A monorail assembly includes a first scaffold system comprising at least one framework member being an elongated structure having a bottom chord and a plurality of panel points along the bottom chord; at least

one monorail beam; and at least one bracket structure configured to secure to the at least one framework member at or about at least two panel points and to the at least one monorail beam.

FIG. 1A





EUROPEAN SEARCH REPORT

Application Number

EP 25 19 6798

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2010/080939 A1 (KUNDEL IND INC [US]; KUNDEL ROBERT SR [US] ET AL.) 15 July 2010 (2010-07-15)	1-8	INV. E04G3/28 E04G3/00
A	* page 9, line 3 - line 6; figures 1-10 * -----	9-15	E04G3/18 E04C3/08
X	ES 2 192 475 B1 (SISTEMAS TECN ENCOFRADOS SA [ES]) 16 August 2004 (2004-08-16)	1,3-5,8	E01D19/10 E04G1/34
A	* figures 1-3 * -----	2,6,7, 9-15	E04G3/22 E04G5/16 E04G7/02
X	EP 1 186 713 A1 (BAU UND SPEZIALGERUESTBAU FRAN [DE]) 13 March 2002 (2002-03-13)	9-15	E04G21/24 E04G3/30
A	* figures 1-7 * -----	1-8	E04G21/30 E04B5/10
X	GB 2 267 472 A (RICHARDSON P C & CO LTD [GB]) 8 December 1993 (1993-12-08)	9-15	E04B5/14
A	* figures 1-6 * -----	1-8	
X	CN 104 846 739 B (CHINA RAILWAY ENGINEERING CONSULTATION GROUP CO LTD ET AL.) 25 January 2017 (2017-01-25)	9,10, 12-14	
A	* figures 1-5i * -----	11,15	TECHNICAL FIELDS SEARCHED (IPC) E04G E01D E04C B66C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		1 April 2026	Baumgärtel, Tim
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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

EP 25 19 6798

5

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.

01-04-2026

10

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2010080939 A1	15-07-2010	US 2010170865 A1	08-07-2010
		US 2012005980 A1	12-01-2012
		WO 2010080939 A1	15-07-2010
-----	-----	-----	-----
ES 2192475 B1	16-08-2004	NONE	
-----	-----	-----	-----
EP 1186713 A1	13-03-2002	DE 20015616 U1	14-12-2000
		EP 1186713 A1	13-03-2002
-----	-----	-----	-----
GB 2267472 A	08-12-1993	NONE	
-----	-----	-----	-----
CN 104846739 B	25-01-2017	NONE	
-----	-----	-----	-----

15

20

25

30

35

40

45

50

55

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82