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(54) Title: METHOD AND ARRANGEMENT FOR CURVED CONNECTORS

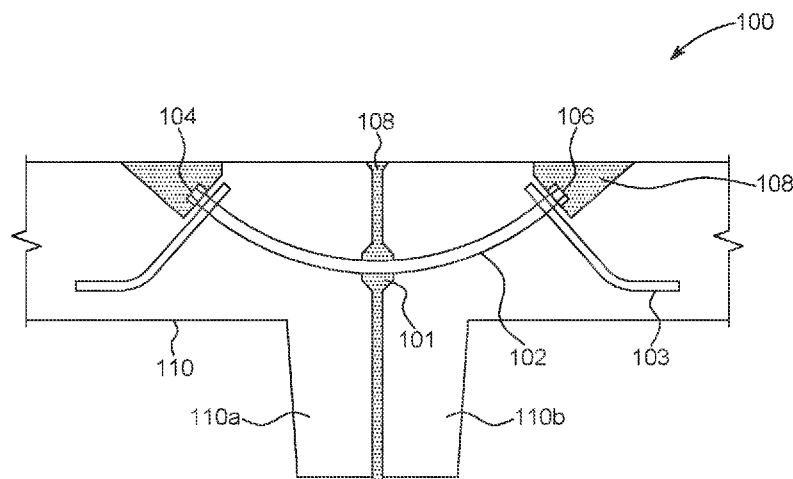


FIG. 1

(57) Abstract: A curved connector to connect at least two precast decks includes a curved shaft having opposing first and second ends, and at least one bar anchor for coupling to at least one of the first and second ends and for providing a rigid moment connection between the at least two precast decks of a precast foundation. The curved connector further includes at least one connector bolt for compressing the at least one bar anchor towards a center of the curved shaft.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC - INV. E04C 5/12, E04B 1/06, E04B 1/41 (2024.01)

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CPC - INV. E04C 5/125, E04B 1/06, E04B 1/4114

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Search History document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y --- A	JP 2016211202 A (Sumitomo Mitsui Construction Co Ltd) 15 December 2016 (15.12.2016) Entire document especially para [0003], [0013], [0015]-[0017], [0021]-[0022] and figs. 1-3	13-14 ----- 1-2, 4-12, 15-17, 19, 22 ----- 3, 18, 20-21
Y --- A	US 2004/0065030 A1 (Zambelli et al.) 8 April 2004 (08.04.2004) Entire document especially para [0030]-[0035], [0066], [0078] and figs. 1, 5-6 and 8-10	1-2, 4-12, 15-17, 19, 22 ----- 3, 18, 20-21
Y	US 2021/0087773 A1 (NXT IP Pty Ltd) 25 March 2021 (25.03.2021) Entire document especially para [0095]-[0096], [0104]-[0105] and figs. 1-7	5, 10-12
Y	US 9,765,521 B1 (King Saud University) 19 September 2017 (19.09.2017) Entire document especially col 3, ln 21-58; col 4, ln 15-33 and figs. 1 and 3-6	8, 17
Y	CN 212176183 U (Zhongheng Construction Group Co Ltd.) 18 December 2020 (18.12.2020) Entire document especially para [0013], [0024] and figs. 1-6	19, 22
A	KR 20130074238 A (Univ Seoul Inc Coop Found) 4 July 2013 (04.07.2013) Entire document	1-22
A	US 2018/0127968 A1 (University of South Carolina) 10 May 2018 (10.05.2018) Entire document	1-22
A	US 2017/0067256 A1 (Esteyco S.A.P.) 9 March 2017 (09.03.2017) Entire document	1-22

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