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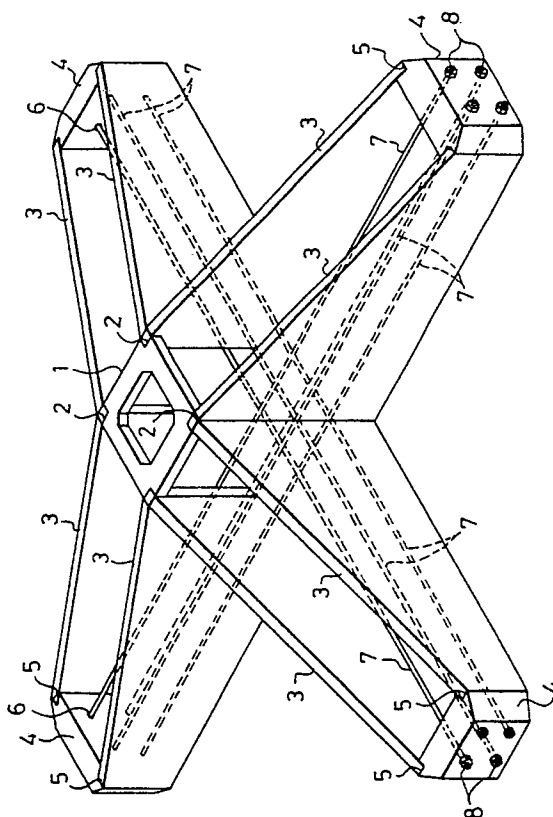
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54 **A structure and method for stabilising sloping ground.**

57 A structure for stabilising a slope is disclosed, which uses precast concrete members. An independent structure is constructed by charging a cement-containing hardenable member into a space between precast concrete members provided on the slope. First, four pairs of precast concrete side plates (3) are arranged in the form of a cross such that the side plates of each pair are parallel and the height thereof reduces gradually from the centre of the cross toward the free end. A PC steel material (7) is stretched between opposed precast concrete end plates each provided between the free ends of the side plates of each pair, and is given prestress to make the entire structure integral. A cement-containing hardenable material is then charged into a space between the pair side plates, and the structure is secured to the slant natural ground with an anchor. A plurality of the structures as above are arranged on the sloping natural ground. Since the precast concrete members are used, the operation is facilitated. Since the structure is an integrated structure having the shape of a cross, structural calculations can be simplified.

FIG.1





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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	FR-A-2 311 142 (NAGAOKA et al.) * Page 1, lines 24-37; page 2, lines 24-37; page 3, lines 1-6,15-19; page 4, lines 31-39; figures 1-3,6-8 * ---	1,3,4,5 ,7	E 02 D 17/20
A	PATENT ABSTRACTS OF JAPAN, vol. 4, no. 136 (M-33)[618], 24th September 1980, page 127 M 33; & JP-A-55 92 426 (IORI KIKUCHI) 12-07-1980 * Abstract * ---	1,3,5,6 ,7,8	
A	PATENT ABSTRACTS OF JAPAN, vol. 6, no. 58 (M-122)[936], 15th April 1982; & JP-A-57 255 (FURII KOGYO K.K.) 05-01-1982 * Abstract * ---	1,3,4,5 ,6,7,8	
A	PATENT ABSTRACTS OF JAPAN, vol. 10, no. 323 (M-531)[2379], 5th November 1986; & JP-A-61 130 525 (RASA KENSETSU K.K.) 18-06-1986 * Abstract * ---	1,3,4,5 ,6,7	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	FR-A-2 243 301 (GIKEN KOGYO K.K.) * Page 2, lines 25-33; page 3, lines 14-24; page 4, lines 7-13,18-23; figures 1-5 * ---	1,3,4	E 02 D E 02 B
A	US-A-3 380 253 (VITA) * Column 2, lines 52-71; column 3, lines 1-3; figures 1-2 * -----	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-09-1988	Examiner KERGUENO J.P.D.
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			