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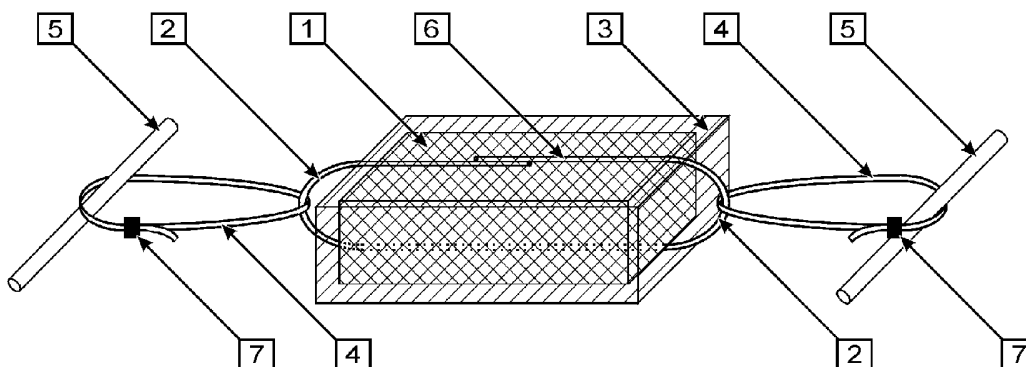
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(54) Title: PROTECTION OF REINFORCING STEEL



(57) Abstract: This assembly provides a flexible method of attaching discrete sacrificial anodes to exposed steel in concrete construction to achieve an advantageous distribution of protection current. It comprises a base metal [1] that is less noble than steel, a conductor [6] connected to the base metal, a tying point [2] formed at least in part by the conductor, and a tie [4] that passes through the tying point [2] and around the steel [5]. The tie is used to physically tie the anode between steel bars prior to placing the concrete and in the process to electrically connect the anode to the steel. The tying point is open to facilitate adjusting the tie. The separation of the tie from an anode assembly with a tying point allows the tie to be selected during installation when the properties required by the application are known.



WO 2006/003473 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
C23F13/20

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

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 193 857 B1 (DAVISON NIGEL ET AL) 27 February 2001 (2001-02-27)	1-5, 14-18,23
Y	column 4, line 15 - column 5, line 33; figures 3,4	6-13, 19-22
Y	DE 41 34 232 A1 (NEIDHARDT, HERBERT, 2110 BUCHHOLZ, DE; NEIDHARDT, HERBERT, 21244 BUCHH) 23 April 1992 (1992-04-23) claims 1,4,6; figures 2a,2b	6-13, 19-22
A	US 6 165 346 A (WHITMORE ET AL) 26 December 2000 (2000-12-26) column 5, line 27 - column 6, line 52; figures 1-3	1-23
A	US 6 022 469 A (PAGE ET AL) 8 February 2000 (2000-02-08) claim 1	1-23



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See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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