

12

EUROPEAN PATENT APPLICATION

21 Application number: 87106261.8

51 Int. Cl.³: E 04 C 5/03

22 Date of filing: 29.04.87

30 Priority: 02.05.86 JP 102296/86

43 Date of publication of application:
11.11.87 Bulletin 87/46

88 Date of deferred publication of search report: 24.02.88

84 Designated Contracting States:
DE FR GB IT

71 Applicant: SUMITOMO ELECTRIC INDUSTRIES LIMITED
No. 15, Kitahama 5-chome Higashi-ku
Osaka-shi Osaka 541(JP)

71 Applicant: Elspan International Limited
167-169 Hennessey Road
Hong Kong(HK)

72 Inventor: Yamada, Masato c/o Itami Works of Sumitomo
Electric Industries, Ltd. 1-1, Koyakita 1-chome
Itami-shi Hyogo(JP)

72 Inventor: Usui, Susumu c/o Itami Works of Sumitomo
Electric Industries, Ltd. 1-1, Koyakita 1-chome
Itami-shi Hyogo(JP)

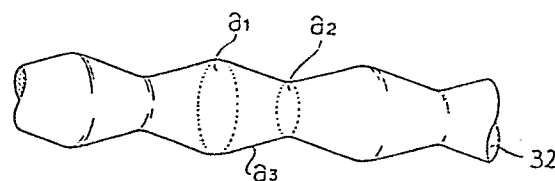
72 Inventor: Ellen, Peter Edginton
Elspan Int. Limited 167-169 Hennessey Road
Hong Kong(JP)

74 Representative: Haft, Berngruber, Czybulka
Postfach 14 02 46
D-8000 München 5(DE)

54 Steel bar for concrete constructions.

57 The invention refers to a deformed steel bar (32, 33, 40, 50) for concrete constructions. To improve the adhesion between the steel bar (32) and the concrete the steel bar (32) has a longitudinal sectional profile which varies alternately and smoothly with a peak (a₁, 3A, 51) and a valley (a₂, 52) in the axial direction thereof.

FIGURE 4





European Patent
Office

EUROPEAN SEARCH REPORT

0244758
Application Number

EP 87 10 6261

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)
X	FR-A- 934 749 (COFRAMET) * Page 1, lines 45-60; page 2, lines 1-3, 16-27, 45-67, 85-89, 97-103; figures 1-5 *	1,2	E 04 C 5/03
Y	----	3-5, 9, 10	
Y	DE-C- 956 981 (DYCKERHOFF & WIDMANN) * Page 2, lines 19-43, 68-77; figure 1 *	3-5, 9, 10	
X	BE-A- 679 059 (ITALSIDER) * Page 5, paragraphs 2, 3; page 9, paragraphs 3-5; page 10, paragraph 1; figures 1-9 *	1,2	
Y	----	7-11	
Y	GB-A- 890 015 (LÜBBERT) * Page 1, lines 15-34; page 2, table; figure *	7-11	
X	DE-C- 801 407 (MEIER) * Page 1, lines 17-23, 67-72; figure 1 *	1-3	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
Y	----	4,7,9	E 04 C
Y	FR-A-1 189 577 (COMPAGNIE DE PONT-A-MOUSSON) * Page 1, column 2, paragraph 4; page 2, column 1, paragraphs 4,5; figures 1,2 *	4,7,9	

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25-11-1987	Examiner HENDRICKX X.
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			

EPO FORM 1503 01.82 (P0401)

BAD ORIGINAL