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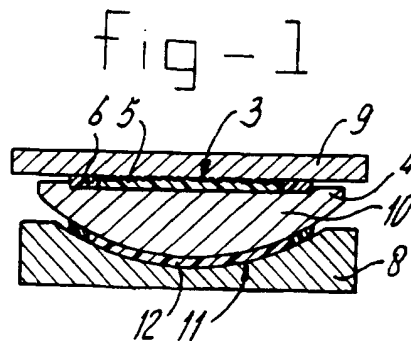
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(54) Bearing

(57) A bearing for a bridge comprises a bottom saddle (8) and a top saddle (9), between which there is a friction member (3) which has a relatively low coefficient of friction compared to the saddles. The friction member comprises a central sheet section (5) and an edge section (6) which is situated on the periphery of the said

sheet section. An intermediate saddle (10) is situated between the bottom saddle (8) and the top saddle (9), which intermediate saddle (10) interacts with the bottom saddle (8) by means of a bottom friction member (12) and interacts with the top saddle (9) by means of a top friction member (3).





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 99 20 0622

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.6)
X	DE 24 61 325 B (KOBEL AG) 1 April 1976 (1976-04-01)	1,3-6,8, 9,11,12	E01D19/04
Y	* claims 1-6; figures 1,2,6 *	2,10,13	
Y	WO 97 34052 A (ACM BEARINGS LTD ;PRIDGEON DAVID KENNETH (GB)) 18 September 1997 (1997-09-18) * page 2, line 16; figures 6,7 * * abstract *	2,10,13	
A	---	1	
X	US 3 728 752 A (ANDRA W ET AL) 24 April 1973 (1973-04-24)	1,3-8, 11,12	
Y	* column 7, line 40 - line 43; figures 1-3 *	2,9,13	
Y	US 4 320 549 A (GREB GERHARD) 23 March 1982 (1982-03-23) * column 4, line 35 - line 37; figure 1 *	2,9,13	
A	-----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E01D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 March 2000	Examiner Zuurveld, G
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			

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

EP 99 20 0622

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
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28-03-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 2461325 B	01-04-1976	NONE	
WO 9734052 A	18-09-1997	AU 1932797 A CA 2248705 A EP 0886701 A	01-10-1997 18-09-1997 30-12-1998
US 3728752 A	24-04-1973	AT 318695 B BE 763161 A CA 921212 A CH 516047 A CS 151083 B DE 2007767 A FR 2078844 A GB 1348274 A NL 7102238 A SE 349343 B ZA 7101060 A	11-11-1974 16-07-1971 20-02-1973 30-11-1971 17-09-1973 02-09-1971 05-11-1971 13-03-1974 24-08-1971 25-09-1972 27-10-1971
US 4320549 A	23-03-1982	DE 2829309 A AT 152 T AU 527033 B AU 4851579 A CA 1133973 A EP 0006621 A JP 1183334 C JP 55009999 A JP 58015561 B NZ 190908 A ZA 7903188 A	17-01-1980 15-09-1981 10-02-1983 10-01-1980 19-10-1982 09-01-1980 27-12-1983 24-01-1980 26-03-1983 21-12-1982 25-06-1980