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(54) **Railway construction**

(57) A rail way flush with a car road or driving lane wherein the two parallel rails (2) are each provided in a trench (3) in the road surface, wherein the rail is embedded in embedding material (6) and wherein the rail is part of a prefab unit (11) comprising the rail and the embedding material in a tray structure. The tray structure is longitudinally divided and the gaps are filled with a flexible filling material with which expansions can be accomodated.

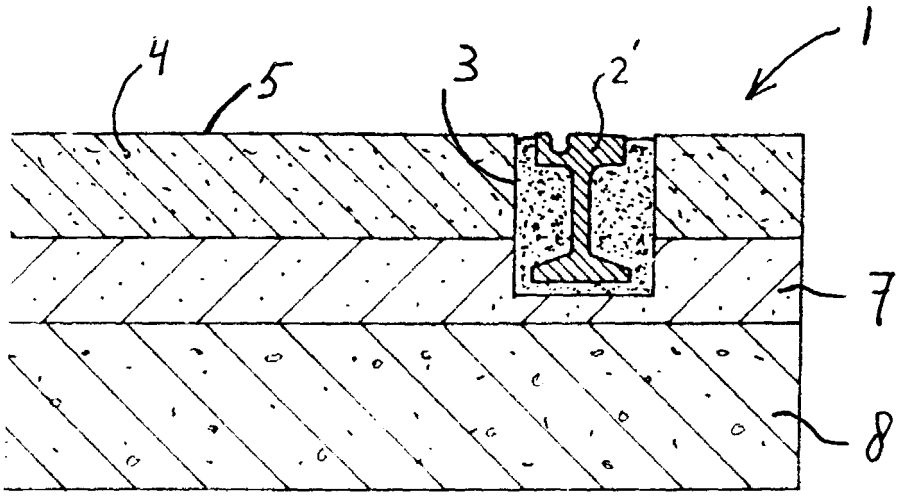


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 04 07 6867

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 196 28 529 A1 (ETW-WEICHENBAU ZOSSEN GMBH I.K., 15806 ZOSSEN, DE) 8 January 1998 (1998-01-08) * column 2, line 57 - column 3, line 38; figures 1-5 *	1-7	E01B21/02
X	DE 298 24 558 U1 (ORTWEIN, HERMANN) 9 August 2001 (2001-08-09) * abstract; claim 1; figures 1-3 *	1-5,7	
X	WO 01/53606 A (SEDRA ASPHALT TECHNIK BIEBRICH GMBH; FROTTIER, JEAN, PIERRE; SCHWIND,) 26 July 2001 (2001-07-26) * abstract; figure 1 *	1,3-5,7	
X A	DE 196 04 887 A1 (METZER, HORST, 73054 EISLINGEN, DE; METZER, HORST) 14 August 1997 (1997-08-14) * abstract; figure 4 *	1,3-5 2	
			TECHNICAL FIELDS SEARCHED (IPC)
			E01B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	23 December 2005	Fernandez, E

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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23-12-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19628529 A1	08-01-1998	NONE	
DE 29824558 U1	09-08-2001	NONE	
WO 0153606 A	26-07-2001	AU 2847401 A	31-07-2001
		DE 10001605 C1	27-09-2001
		EP 1248883 A1	16-10-2002
DE 19604887 A1	14-08-1997	NONE	

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