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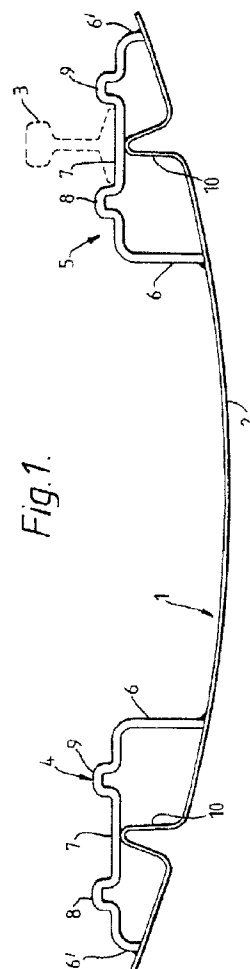
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(54) **Railway sleeper.**

(57) A railway sleeper (1) has an under surface that is curved in order to enable the sleeper to be positioned in a tunnel so that a major part of the under surface and preferably substantially the entire under surface is in contact with the tunnel wall. The sleeper is preferably formed from sheet metal and has a central part formed from a single strip of sheet metal that is curved to lie flat on the tunnel wall. The sleeper may include a pair of baseplates (4,5) for supporting rails of the railway track, which are also formed from sheet metal, and a rib (10) formed in the sheet metal of the sleeper and located under each baseplate for supporting part of the load from the rail.





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EUROPEAN SEARCH REPORT

Application Number
EP 93 31 0399

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.5)
A	BAUMASCHINE + BAUTECHNIK - BMT, vol.33, no.10, October 1986, WIESBADEN DE pages 447 - 450 SCHLICK H. 'Gleisförderung im Tunnelbau' * page 448, column 3 - page 449, column 3 * ---	1	E01B3/20
A	DE-C-598 188 (WIESINGER) * figures 1,2 * -----	6,7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			E01B E01G E21F
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 10 June 1994	Examiner Paetzel, H-J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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