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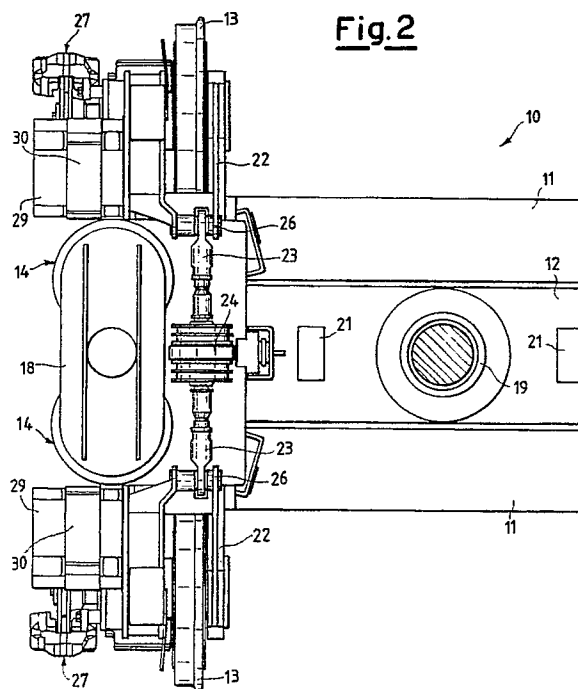
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(54) **Multi-purpose bogie for rail vehicles.**

(57) A drive and/or supporting bogie for rail vehicles consisting of a bogie frame (11) provided with a swinging cross-member (12) fixed to hangers (15) in such a manner as to be very close to the ground, ie

to the rail plane, each wheel of the bogie being independent and driven separately by its own motor-reduction gear unit (29-30).

Fig.2



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EUROPEAN SEARCH REPORT

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EP 90 20 0299

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)
X,A	US-A-4 644 872 (G. VIANELLO AND U. SOLONI) * column 2, line 34 - column 3, line 7 ** claim 1; figures 5-8 * - - -	1,8	B 61 F 3/04 B 61 D 17/10 B 61 D 13/00
A	EP-A-0 288 589 (SIEMENS AG) * column 2, lines 8 - 43; figure 1 * - - -	2	
A	US-A-2 404 091 (J. H. PORTEUS) * column 2, line 38 - column 3, line 35; figures 1-4 * - - -	3,5,7-9	
A	FR-A-1 170 814 (J. COOPER) * page 1, right-hand column, line 23 - page 3, left-hand column, line 5; figures 1-4 * - - - - -	3,5,8,9	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5) B 61 D B 61 F B 61 C
Place of search The Hague		Date of completion of search 06 March 91	Examiner CHLOSTA P.
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			