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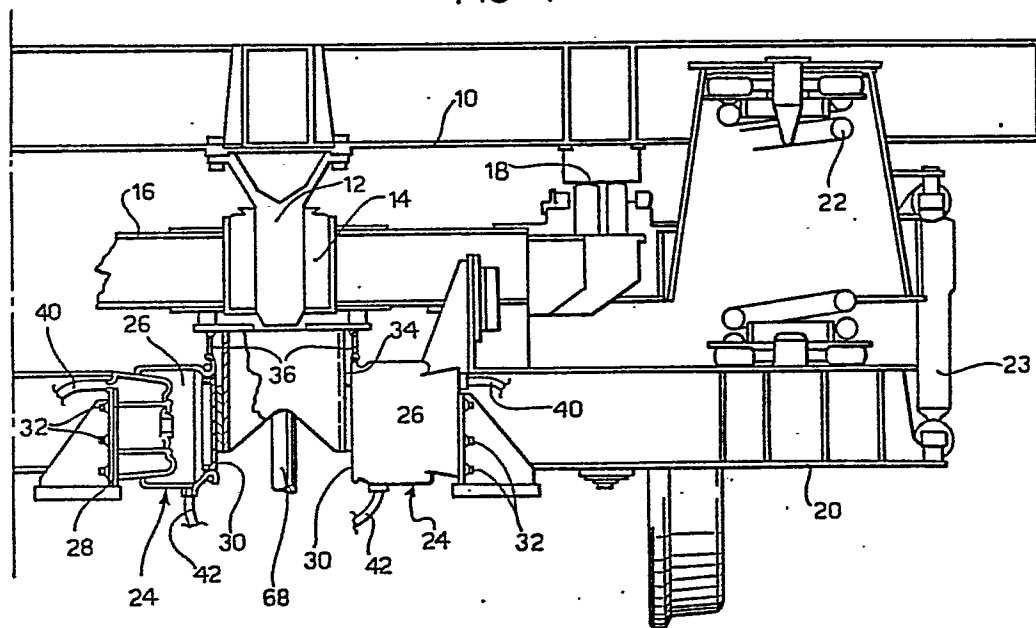
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⑤④ **Variable characteristic transverse suspension for railway vehicles.**

⑤⑦ A railway vehicle has a body (10), bogies (20) articulated to the body (10) and vertical and transverse suspension means between the bogies (20) and the body, the transverse suspension means including pneumatic or hydro-pneumatic springs (24) located substantially horizontally and reacting between the body and the opposite sides of each bogie.

The fluid pressure supply to the springs (24) and hence the forces exerted thereby are adjusted automatically so as to contain transverse movements of the body (10) relative to the bogies (20) within predetermined limits while maintaining the flexibility of the connection practically invariant.

FIG. 1





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. 3)
Y	US-A-3 826 202 (H.M. RUSSELL-FRENCH) * Figures 1,4; column 3, lines 3-28 *	1-3	B 61 F 5/10 B 61 F 5/24 B 61 F 5/14
Y	DE-A-2 040 922 (MAK MASCHINENBAU GmbH) * Figure 6; page 9, lines 13-27 *	1,2	
A	* Figure 5; page 8, last paragraph - page 9, paragraph 1 *	3	
Y	DE-A-1 605 083 (KNORR-BREMSE GmbH) * Figure 3; page 19, last paragraph - page 21, last line *	3	
A	US-A-2 954 746 (A.R. CRIPE) * Figures 1,6; column 3, lines 45-52 *		TECHNICAL FIELDS SEARCHED (Int. Cl. 3) B 61 F
A	CH-A- 514 455 (SCHWEIZERISCHE LOKOMOTIV- UND MASCHINENFABRIK) * Figures 1-3; column 4, lines 20-60 *		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-11-1986	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			