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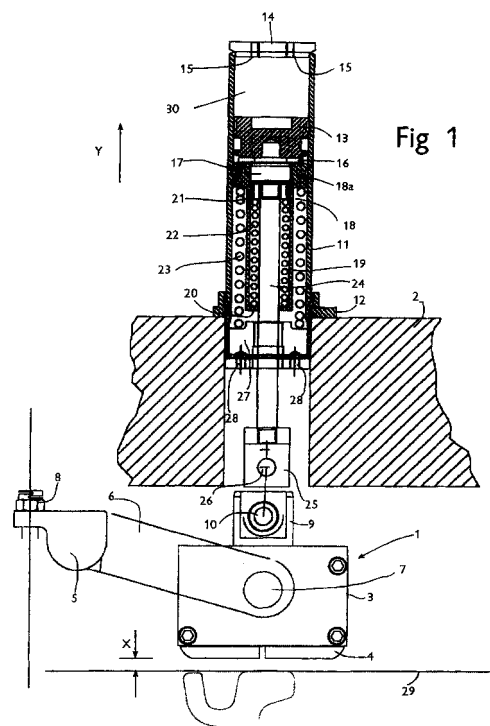
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(54) **Rail vehicle emergency braking system**

(57) A rail vehicle braking system comprises a brake (4) mounted on a rail vehicle by mounting apparatus, the mounting apparatus providing for movement of the brake between a first position, in which the brake is a desired distance above a rail on which the said vehicle is mounted, and a second position, in which the brake engages with the rail to generate a braking force. Movement of the brake from the first to the second position is caused by electromagnetic attraction between the brake and the rail. The mounting apparatus comprises a piston and cylinder arrangement (11, 13, 18, 19, 24) secured between the vehicle and the brake, the piston and cylinder arrangement comprising biasing means (22) to lift the brake into the said first position and supply means (31-33) to introduce hydraulic fluid into the cylinder or to remove hydraulic fluid from the cylinder, whereby the first position of the brake may be adjusted.





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# EUROPEAN SEARCH REPORT

Application Number  
EP 99 30 6478

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B61H
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>7 May 2002</b>	Examiner <b>Dekker, W</b>
<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  &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 99 30 6478

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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82