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(54) **IMPACT PROTECTION FOR A RUNNING GEAR OF A RAIL VEHICLE**

(57) The invention relates to a running gear for a rail vehicle, in particular a high speed rail vehicle, comprising a wheel set (105), a running gear frame (104) and a shielding device (109), the running gear frame (104) being supported on the wheel set (105). The shielding device (109) is connected to the running gear frame (104) via a support structure (108) and is spatially associated to at least a shielded component (107) of the running gear (103). The shielding device (109) shields a shielded

part (107.1) of the shielded component (107) against impacts of objects (B), in particular pieces of ballast, lifted from a track (T) used during operation of the vehicle. The shielding device (109) and/or the support structure (108) comprises an impact energy absorbing device (109.2, 109.3, 110), the impact energy absorbing device (109.2, 109.3, 110) being adapted to absorb a noticeable fraction of an impact energy of one of the objects (B) hitting the shielding device (109).

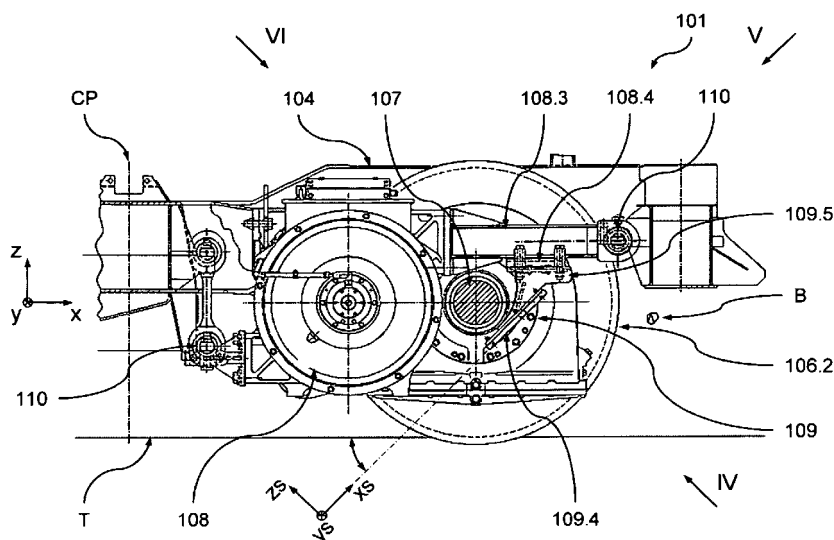


Fig. 3



EUROPEAN SEARCH REPORT

Application Number
EP 12 17 2761

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			B61F B61D B60R B62D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 18 January 2013	Examiner Chlost, Peter
<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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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