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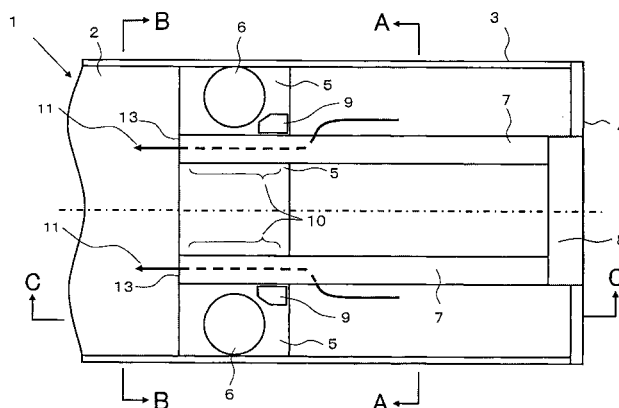
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(54) **Car body structure for a railway vehicle**

(57) The invention provides a car body structure capable of facilitating the laying operation of wires and pipes passing through a body bolster, preventing the increase of components and complexity of underfloor structure, and reducing the cost of manufacturing the car body without deteriorating the rigidity and strength of the body bolster. Center sills 7, 7 are passed through a body bolster 5 in an underframe 1, the intersection of center sills 7, 7 and the body bolster referred to as a penetration portion 10, wherein the inner space of the penetration portion 10 is used to arrange wires and pipes (the paths thereof

shown by reference number 11). The interior of the penetration portion 10 is a rectangular hollow space capable of allowing a sufficient amount of wires and pipes to be passed therethrough. Since there is no need to provide to the body bolster 5 conventional penetration pipes dedicated for arranging wires and pipes, and thus no voids are formed in the body bolster 5, the deterioration of rigidity and strength of the body bolster 5 caused by such segmentalization of the body bolster 5 can be prevented and the manufacturing cost can be cut down without increasing components such as reinforcement members.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims				
Place of search Munich		Date of completion of the search 24 May 2011	Examiner Schultze, Yves	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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