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(54) **Heating for railway switches**

(57) Rail switch assembly having pairs of rails and a basis therefor, wherein each pair of rails comprises a fixed rail and a movable rail or switch tongue, wherein at regular intervals mounting plates/slide plates have been provided for supporting the rails and forming a slide surface for the switch tongues, wherein the rails each comprise a foot and a web extending upwards from the foot, wherein the foot has an upper surface and a lower surface and the web has a first side surface and a second side

surface opposite thereto, comprising a heating means for at least one rail of at least one pair of rails, for instance a heating element extending alongside it that has been placed against one or more of the said surfaces, wherein of said pair of rails at least one of both rails has been provided with a first body of thermally insulating material, that has been arranged against at least a part of the lower surface of the foot of said rail and in longitudinal direction extends at least partially between the mounting plates/slide plates for said rail.

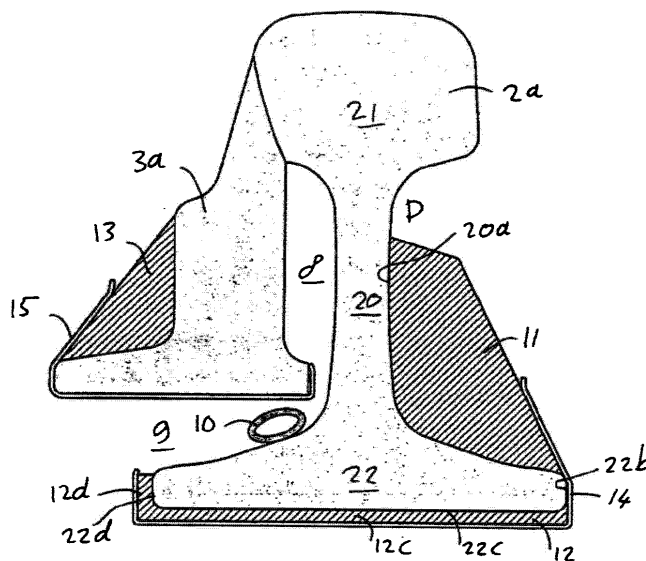


Fig. 3C



EUROPEAN SEARCH REPORT

Application Number
EP 09 01 3605

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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2 X,P	WO 2009/109664 A1 (TRIFE S GMBH [DE]; FUNKE MICHAEL [DE]; FRENZEL TIM [DE]) 11 September 2009 (2009-09-11) * page 7, last paragraph - page 10, last paragraph; figures *	1-15	
2 A	US R E31 081 E (KEEP) 16 November 1982 (1982-11-16) * column 2, line 57 - column 5, line 6; figures *	1	
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 June 2010	Examiner Movadat, Robin
CATEGORY OF CITED DOCUMENTS		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	
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			

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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. 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