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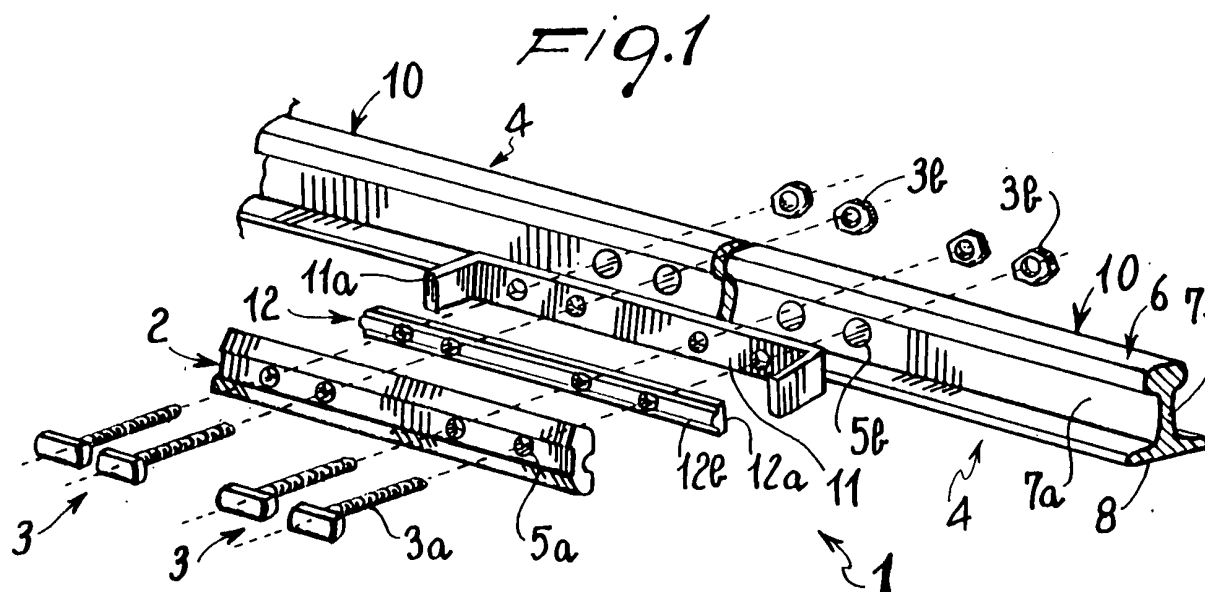
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(54) **Apparatus and process for electrically joining rail sections**

(57) It is provided at least one fish-plate (2) adapted to directly engage ends of rails (4) disposed close to each other and to delimit at least one space (9) together with said rails, mechanical means (3) for tightening the fish-plate (2) to the rails (4) and electrical connection elements comprising at least one conductive element (11) placed in the space (9) between the fish-plate (2)

and the rails (4) and susceptible of engagement with the rails (4) by the same mechanical tightening system to be used for the fish-plate (2), between the conductive element (11) and the fish-plate (2) being also interposed an elastically deformable pressure body (12) to enable the mechanical tightening intensity of the fish-plate (2) to be at least partly independent of the tightening intensity of the conductive element (11).





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 04 00 2058

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.7)
X	PATENT ABSTRACTS OF JAPAN vol. 008, no. 124 (M-301), 9 June 1984 (1984-06-09) & JP 59 029521 A (NIHON DENSETSU KOGYO KK), 16 February 1984 (1984-02-16) * abstract * -----	1,3,4, 9-11	H01R4/64
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01R B60M
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 November 2005	Examiner Bertin, M
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 00 2058

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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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 59029521	A	16-02-1984	NONE

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