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(54) **Joining element for modular security gratings and associated grating**

(57) The invention relates to a joining element for modular security gratings and to the grating which is obtained therefrom. The joining element (2) comprises interconnecting means (5;5a;5b) which are varyingly shaped with at least one pair of non-aligned modular elements (3) forming part of an upright (10) and a cross-piece (11) of the grating (20). The grating (20), which is

obtained by combining a plurality of joining elements (2) with a plurality of modular elements (3) so as to form uprights (10) and cross-pieces (11), also comprises reinforcing elements (1), for example consisting of anti-cutting iron rods which fasten together the modular elements and joining elements (3, 2) forming an upright (10) or a cross-piece (11).

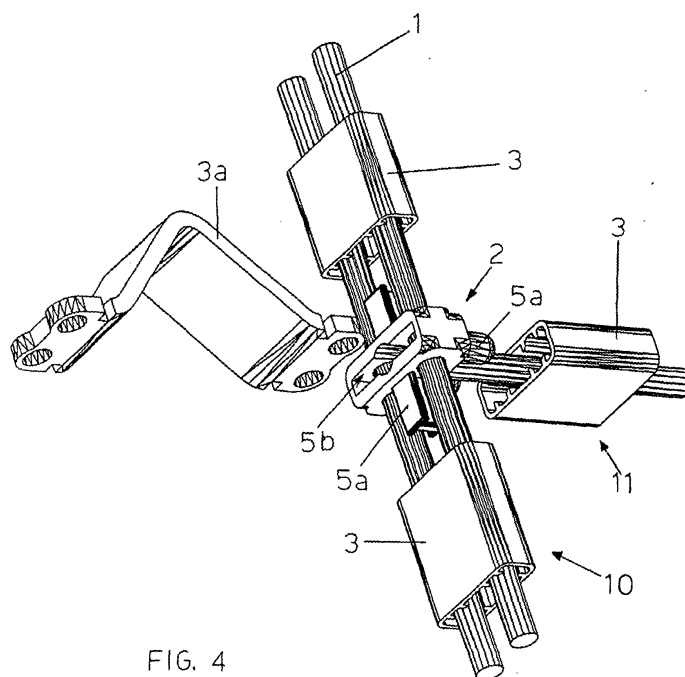


FIG. 4

EP 1 122 396 A3



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EUROPEAN SEARCH REPORT

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EP 01 10 1519

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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 30 June 2003	Examiner Baath, S
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
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EP 01 10 1519

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The members are as contained in the European Patent Office EDP file on
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