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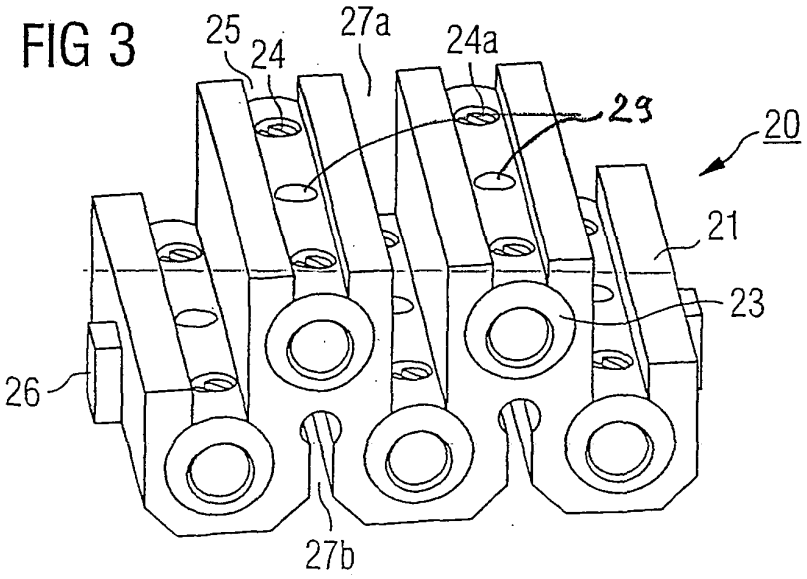
(54) Cable-junction block

(57) A cable-junction block (20) is provided for forming a low-voltage cable junction for cables incorporating five or mote cores. The block (20) comprises connector sections (21) moulded integrally with one another. Each of the connector sections (21) comprises a hollow, substantially cylindrical interior space (22) with a likewise substantially cylindrical contact piece (23) that is disposed in the interior space. In each case the contact piece (23) is insulated from the contact pieces (23) in the other connector sections (21) and can receive two opposed cable-core ends. Each contact piece (23) has at least one fixation element (24) that can be moved radially into the interior space (22) of the contact piece (23) in order to retain the cable ends in their inserted state. The cable block (20) comprises m connector sections (21) that are disposed in a first plane and *n* connector sections (21) that are disposed in a second plane, such that $m > 2$ and $n > 3$. These connector sections (21) are connected to one another in such a way that engagement sections (24a) of the fixation elements (24) are accessible from one side of the cable-junction block (20), as also are inspection openings if present.

FIG 3



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EUROPEAN SEARCH REPORT

Application Number
EP 05 00 4088

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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)

H01R

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	20 January 2006	Bertin, M

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 05 00 4088

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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20-01-2006

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