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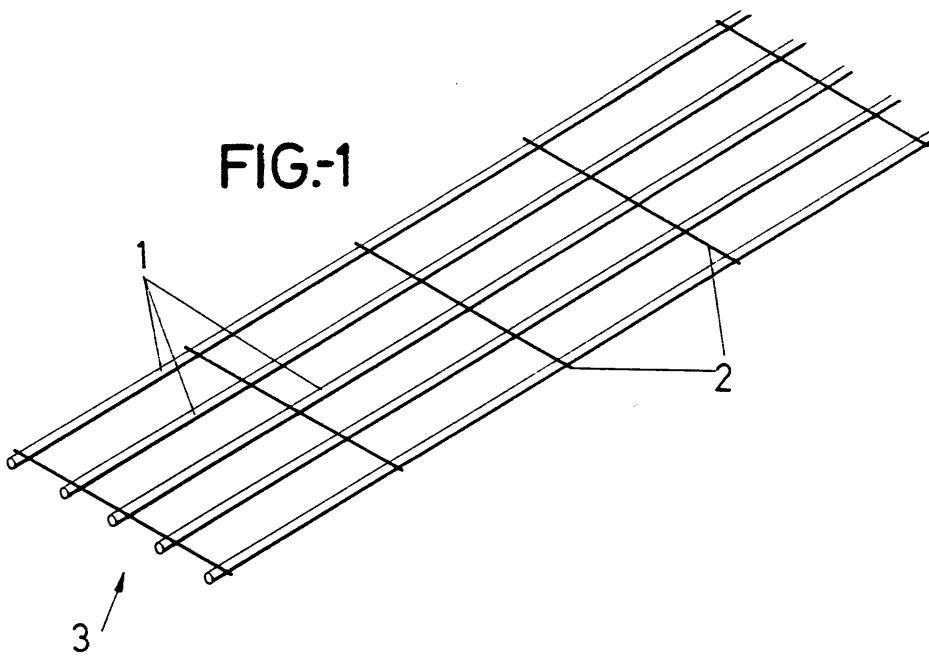
(54) Prefabricated mesh for structural members

(57) It proves to be particularly suitable for the reinforcement of hollow-slab structural members, and its characteristics are centred on the fact that all the carrying bars (1) which contribute to it are oriented in the same direction, in fact in the longitudinal direction, being equally spaced appropriately with the assistance of transverse rods (2) of much reduced thickness and very widely spaced from each other, these rods (2) having no carrying function but simply constituting connecting

links between the carrying bars (1) in order to form a mesh panel (3) whose width is limited by the transport standards (2.20 metres), while its length may reach as much as 12.00 metres.

These meshes are coupled laterally with no overlap being required in that direction, and when a bidirectional reinforcement is needed for the structural member above a first layer of panels or meshes, a second layer is formed in which the carrying bars (1) are perpendicular to the carrying bars of the first layer.

FIG.-1





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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	WO 96 08619 A (STAHL- UND WALZWERK MARIENHÜTTE GESELLSCHAFT MBH) 21 March 1996 (1996-03-21) * page 5, line 28 - page 7, line 32; claims 1,5; figure 1 *	1-3	E04C5/04
A	AT 275 111 B (NEUMANN) * the whole document *	1-3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E04C
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
THE HAGUE	30 August 1999		Mysliwetz, W
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			

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

EP 98 50 0034

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. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-08-1999

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