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(54) Title: UNITIZED FILAMANTARY CONCRETE REINFORCEMENT HAVING CIRCUMFERENTIAL BINDING ELE-
MENT

(57) Abstract: The present invention relates to a filamentary film construct which is used in providing cementitious mixtures supple-
mental and reinforcing strength upon setting, and more particularly, to a unitized filamentary construct which comprises a plurality of
oriented reinforcing filamentary film components combined with a circumferential retaining element, said circumferential retaining
element providing temporary retention of the oriented reinforcing filamentary components until such point the unitized filamentary
substrate is incorporated and subjected to mechanical agitation during preparation of a cementitious blend or mixture. The unitized
filamentary film construct is endowed with inherent and improved dispensability and dispersability of the associated reinforcing fil-
amentary component into organic or inorganic cementitious matrixes, such as concrete, mortar, plaster, etc. The oriented reinforcing
filamentary film components can comprise fibrillated film components.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,628,822 A (HOGAN) 13 May 1997 (13.05.1997), claims 1-37 in columns 10-14.	1-14
A	US 5,456,752 A (HOGAN) 10 October 1995 (10.10.1995), claims 1-26 in columns 7-10.	1-14
A	US 6,423,134 B1 (TROTIER et al.), 23 July 2002 (23.07.2002), claims 1-57 in columns 10-14.	1-14

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"T"
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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