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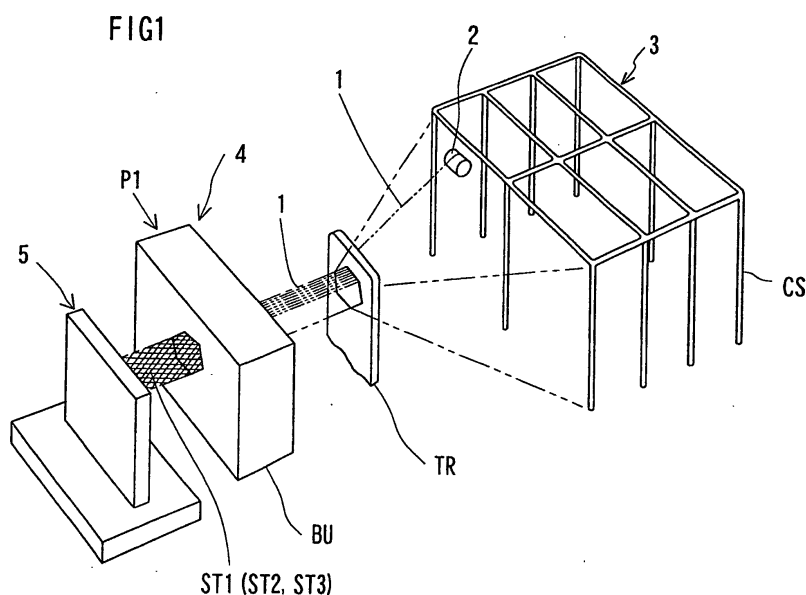
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(54) **Manufacturing device for three-dimensional composition**

(57) The manufacturing device for the three-dimensional composition comprising by composing three dimensional X interconnecting structural part (the 3X interconnecting structural composition ST1, the 4X interconnecting structural composition ST2, and the 6X-3X interconnecting structural composition ST3) by applying the composition principle of the braid. The manufacturing device for the three-dimensional composition, comprising the three-dimensional compositions ST1, ST2, ST3 by the numerous filiform elements pulled out of the

numerous bobbins 2 individually, characterizes in having the filiform element supply means 3 for supplying said numerous filiform elements individually to the composed position P1, the filiform element distributing means 4 for composing numerous filiform elements supplied from the filiform element supply means are supported by at least three and the filiform elements from at least three directions are interconnected at intervals to the composing direction and they diverge to at least three directions and the composition pulling-up means 5 for pulling up the composed composition.





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EUROPEAN SEARCH REPORT

Application Number
EP 01 13 1035

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 1 050 352 A (NAGAOKA TADAYOSHI) 8 November 2000 (2000-11-08) * paragraphs [0027]-[0041], [0078]-[0091]; figures 2,5,6,11,28A-33 * -----	1-4	B21F27/06 B01J19/32 B21F27/18
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B21F B01J D03D B29C
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 18 September 2003	Examiner Augé, 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
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