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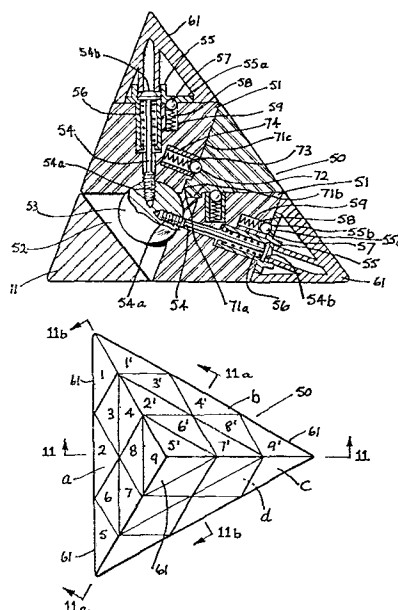
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54 **Puzzle toy.**

57 A puzzle toy comprising an equilateral tetrahedron shaped frame (50), each of the sides (a, b, c, d) of said frame (50) being divided into nine equal triangular components such that five of said components (5, 6, 7, 8, 9,; 5', 6', 7', 8', 9') are located along the base of the side to form a base layer, three of said components (2, 3, 4; 2', 3', 4') are located above said base layer to form an intermediate layer, and the remaining triangle (1, 1') is located above the intermediate layer at the apex of the side.

One or more of the triangles are relatively movable about a central pivot point located at the center of the tetrahedron frame (50) in planes (x, y) intersecting the frame and defined by sides of adjacent triangles. Each side (a, b, c, d) of the frame (50), in its ordered disposition, has a different pattern, colour or ornamentation.

By using any corner (61) of the tetrahedron as an apex, the base layer and middle layer can be rotated through  $\frac{1}{3}$  or  $\frac{2}{3}$  turns to provide various combinations of colour triangles.





European Patent  
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# EUROPEAN SEARCH REPORT

0042695  
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	<u>HU - A - 170 062 (RUBIK)</u> * Claim 1; figures *  -----	1	A 63 F 9/08 9/12
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			A 63 F
			CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family, corresponding document
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
The Hague	15-12-1981	STEENBAKKER	