

Title (en)
PUZZLE TOY

Publication
EP 0042695 A3 19820317 (EN)

Application
EP 81302574 A 19810610

Priority
• AU PE819681 A 19810327
• AU PE850981 A 19810416

Abstract (en)
[origin: EP0042695A2] 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 min , 6 min , 7 min , 8 min , 9 min) are located along the base of the side to form a base layer, three of said components (2,3,4; 2 min , 3 min , 4 min) are located above said base layer to form an intermediate layer, and the remaining triangle (1,1 min) 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 1/3 or 2/3 turns to provide various combinations of colour triangles.

IPC 1-7
A63F 9/08; A63F 9/12

IPC 8 full level
A63F 9/08 (2006.01)

CPC (source: EP KR)
A63F 9/0838 (2013.01 - EP); **A63F 9/12** (2013.01 - KR)

Citation (search report)
HU 170062 A

Cited by
US4529201A; US4575088A; US4496155A; US4451039A; FR2513138A1; FR2513890A1; GB2269760A; US5358247A; GB2269760B; US5722657A; US4702704A; US4558866A; GB2117654A; US4506891A; WO8301008A1

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