

Title (en)
Spherical puzzle with slidable and rotatable elements

Title (de)
Sphärisches Puzzlespiel mit verschiebbaren und drehbaren Elementen

Title (fr)
Casse-tête sphérique avec des éléments coulissants et rotatifs

Publication
EP 2441502 A1 20120418 (EN)

Application
EP 11184748 A 20111011

Priority
IT BI20100013 A 20101012

Abstract (en)
A sphere (Fig. 1, 2 : 10) for a hand-held puzzle game comprising an inner support frame (Fig. 4 : 11); a plurality of plugs (Fig. 1, 2, 3, 8, 9 : 12), sliding along the spherical surface (10a) of the sphere (10); a plurality of spherical caps (Fig. 1, 2, 3, 6A, 6B, 7 : 14) pivoting on the same spherical surface (10a), each one defining, along an edge (14a) thereof, a plurality of seats (14b) to receive and accommodate the sliding plugs (12); and a plurality of fixed cover elements (Fig. 1, 2, 5 : 17), secured to the inner support frame (11), which cover those areas of the spherical surface (10a) which are not occupied by the sliding plugs (12) and pivoting spherical caps (14); wherein each sliding plug (12) has at least two areas coloured in different colours (M-R, M-V', B-G, etc.), each spherical pivoting cap (14) has a plurality of coloured areas, particularly four, in different colours (V'-A-V''-Z, M-R-B-G, etc.), corresponding to the seats (14b) for the plugs, and each fixed cover element (17) and coloured in only one colour (A, R, V', M, etc.).

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CPC (source: EP)
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Citation (applicant)
• CN 201283216 Y 20090805 - NINGSHENG HUANG [CN]
• CN 101007214 A 20070801 - FAN TIESHAN [CN]
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US10245504B2; RU2701264C1; US9409080B1; RU2667861C1; WO2019216794A1

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