

Title (en)
Color-changing puzzle

Title (de)
Farbverändernde Puzzlevorrichtung

Title (fr)
Puzzle permettant de changer la couleur

Publication
EP 1854515 A1 20071114 (EN)

Application
EP 06023751 A 20061115

Priority
• JP 2006132054 A 20060511
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Abstract (en)
The present invention provides (s) an aqueously color-changing puzzle. The aqueously color-changing puzzle is rich in convenience capable of easily changing the color by wetting and in durability, further is widely applicable. The puzzle piece includes a substrate(2), a water resistant resin layer(3) on the substrate(2), a porous layer(4) on the water resistant resin layer(3). The porous layer(4) is made of a dispersion system of a low refractive-index pigment in a binder resin so that the transparency of the porous layer may differ between in the liquid-absorbing state and in the non-liquid absorbing state.

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A63F 9/10 (2006.01)

CPC (source: EP)
A63F 9/10 (2013.01); **A63F 2250/0442** (2013.01)

Citation (applicant)
JP H11128532 A 19990518 - PILOT INK CO LTD

Citation (search report)
• [A] JP H11128532 A 19990518 - PILOT INK CO LTD
• [A] EP 1293236 A1 20030319 - HAUSEMANN EN HOETTE BV [NL]
• [A] GB 2349117 A 20001025 - FARMERS MICHAEL STEPHEN [GB]
• [A] US 2952462 A 19600913 - MIKE PLANIN

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WO2023164103A1; WO2021150007A1

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