

Title (en)
Puzzle system

Title (de)
Puzzlesystem

Title (fr)
Système de puzzle

Publication
EP 1486237 A1 20041215 (EN)

Application
EP 03101737 A 20030613

Priority
EP 03101737 A 20030613

Abstract (en)

A puzzle system comprises a first and second polyhedral object (1,2;52,53). The first polyhedral object (1;52) comprises at least a first picture-bearing face (5;11-16;57) and the second polyhedral object (2;53) comprises at least two picture-bearing faces (7;17-22;59), each picture on an associated picture-bearing face (5,7;11-22;57,59) being displayed correctly at one intended angle (alpha , beta) about an axis (6,8) perpendicular to the associated picture-bearing face (5,7). The puzzle system comprises co-operating detection and sound-emitting systems, arranged to emit a first sound only upon detecting that the first and second polyhedral object (1,2;52,53) have been juxtaposed with a face of the first polyhedral object (1;52) facing a face (54) of the second polyhedral object (2;53) and with a picture on the first picture-bearing face (57) of the first polyhedral object (52) at its intended angle being observable adjacent to a picture on a first picture-bearing face (59) of the second polyhedral object (53) at its intended angle when looked at in a direction substantially parallel to the facing faces. <IMAGE>

IPC 1-7
A63F 9/12; A63H 33/04

IPC 8 full level
A63F 9/12 (2006.01); A63H 33/04 (2006.01); A63F 9/10 (2006.01); A63F 9/24 (2006.01)

CPC (source: EP)
A63F 9/1204 (2013.01); A63H 33/042 (2013.01); A63F 2009/1061 (2013.01); A63F 2009/247 (2013.01)

Citation (search report)

- [A] EP 0931573 A1 19990728 - DIAZ ESCANO JESUS M [ES]
- [A] WO 0061248 A1 20001019 - JAEMSAE SAULI SAKARI [FI]
- [A] EP 0914853 A2 19990512 - SYSTEM WATT CO LTD [JP]

Cited by
GB2424510A; EP1776990A3; AU2006226156B2; GB2441564A; US2018360369A1; US10952661B2; ITTV20090059A1; US2018360370A1; US10952662B2; US8157611B2; WO2006100513A1; WO2006092358A3; US8057233B2; WO2012066317A1; US7808385B2; US7982613B2; US8469766B2; US7909697B2; US8460102B2; US8926395B2

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