

Title (en)

An element for composing a track of the fall type for run of marbles

Title (de)

Ein Teil zur Bildung geneigt verlaufender Kugelrollbahn

Title (fr)

Élément pour construire une piste inclinée pour billes

Publication

**EP 1454662 A1 20040908 (EN)**

Application

**EP 04075075 A 20040112**

Priority

IT TO20030007 U 20030117

Abstract (en)

An element (1-4) for composing a track of the fall type for run of marbles, which comprises a guide member (2) for the insertion of marbles, intended to be placed beneath the arrival of a preceding track element or at the upper start point of a track, an exit guide member (1) for the marbles, intended to be placed at a level lower than the level of the insertion guide member (2) and generally over the start end of a subsequent track element, and a track section (4) extending in the form of a pair of rails from said insertion guide member (2) to said exit guide member (1), by following at least in part a helicoidal trajectory: Preferably, the track section (4) which follows at least in part a helicoidal trajectory has at its beginning a rectilinear section (4'') for approach to the helicoidal portion (4') of the track section (4). The entire track element (1-4) may be embodied in a single piece of plastics formed in plane configuration and it may be rendered three-dimensional by insertion of spacers (7). <IMAGE>

IPC 1-7

**A63F 7/02**; **A63F 7/36**

IPC 8 full level

**A63F 7/02** (2006.01); **A63F 7/36** (2006.01); **A63H 29/10** (2006.01)

CPC (source: EP US)

**A63F 7/3622** (2013.01 - EP US)

Citation (search report)

- [XY] US 3394489 A 19680730 - MARTIN LEWIS W
- [XY] US 4319425 A 19820316 - SHINE THOMAS M
- [XY] DE 10062701 A1 20010621 - BROSCHE MANFRED [FR]
- [XY] US 4537401 A 19850827 - SMITH ROGER D [US], et al
- [X] US 5358241 A 19941025 - ANGHELO PYTHON V [US], et al
- [XY] DE 4402169 A1 19950727 - SCHROEDEL IDEAL SPORT SPIEL [DE]
- [XY] BE 651061 A

Cited by

US11439894B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1454662 A1 20040908**; IT TO20030007 U1 20040718; US 2004198145 A1 20041007

DOCDB simple family (application)

**EP 04075075 A 20040112**; IT TO20030007 U 20030117; US 75527304 A 20040113