

Title (en)
Amusement and leisure slide

Title (de)
Vergnügungs- und Freizeitrusche

Title (fr)
Toboggan de divertissement et de loisir

Publication
EP 2644238 A1 20131002 (EN)

Application
EP 12161573 A 20120327

Priority
EP 12161573 A 20120327

Abstract (en)
The present invention relates to an amusement and leisure slide configured to explore new thrill possibilities thanks to a long sliding path with a constantly variable slope and a controlled sliding duration. The slide comprises at least one sliding tube (2) forming a three-dimensional curve attached with fastenings (3) to a frame structure (1) having at least one outline frame (1a, 1b) of a predefined shape and a central rotation axis (4) arranged substantially horizontally. The sliding tube includes a first end forming an inlet (7) arranged in vicinity of the central rotation axis (4) of the frame structure (1) and a second end, distinct from the first end, forming an outlet (9) directed to outside the frame structure (1). The curve of the sliding tube (2) is configured to form a sliding path between the inlet (7) and the outlet (9) extending in a volume around the central rotation axis (4) of the frame structure (1), said sliding path being maintained on a variable slope by a rotation of the frame structure about the central rotation axis (4), said rotation being driven by a motor (14).

IPC 8 full level
A63G 21/10 (2006.01); **A63G 21/14** (2006.01); **A63G 21/18** (2006.01)

CPC (source: EP)
A63G 21/10 (2013.01); **A63G 21/14** (2013.01); **A63G 21/18** (2013.01)

Citation (applicant)
• WO 2010040978 A1 20100415 - CUTTELL DAVID JOHN [GB], et al
• WO 2009141588 A2 20091126 - CUTTELL DAVID JOHN [GB], et al

Citation (search report)
• [A] US 5433671 A 19950718 - DAVIS WALTER D [US]
• [A] US 2006194638 A1 20060831 - HUNTER RICHARD D [CA]
• [A] ANONYMOUS: "BACKYARD WATERSLIDE SIMULATOR", 21 January 2010 (2010-01-21), XP002679500, Retrieved from the Internet <URL: <http://web.archive.org/web/20100121003928/http://www.grandideastudio.com/portfolio/pt-waterslide-simulator/>> [retrieved on 20120709]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2644238 A1 20131002

DOCDB simple family (application)
EP 12161573 A 20120327