

Title (en)
SPINNING TOP TOY

Title (de)
KREISELSPIELZEUG

Title (fr)
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Publication
EP 3366360 A1 20180829 (EN)

Application
EP 18158877 A 20180227

Priority
JP 2017035083 A 20170227

Abstract (en)
[Object] To provide a new spinning top toy which is capable of taking longer time to disassemble a body and a shaft part. [Means to solve the problems] A spinning top toy includes a body and a shaft part. An engagement part of the shaft part and an engagement part of the body are engaged by relatively rotating the body in one direction with respect to the shaft part. While rotating, when the shaft part and the body receive an impact caused by a relative rotation power in the other direction, the engagement between the engagement part of the shaft part and the engagement part of the body is released so as to separate and disassemble the shaft part and the body. The spinning top toy includes a guide groove formed in the shaft part around a rotating shaft and connecting from a first position, where a center distance to a center of the rotating shaft is the largest, to a second position, where the center distance is smaller than the center distance of the first position. A weight member, which is movable inside the guide groove, is stored in the guide groove. When a rotation speed increases, the weight member is moved from the second position to the first position, and when the shaft part and the body receive the impact caused by the relative rotation in the other direction, the weight member is moved from the first position to the second position.

IPC 8 full level
A63H 1/00 (2019.01); **A63H 1/02** (2006.01)

CPC (source: EP US)
A63F 9/16 (2013.01 - US); **A63H 1/00** (2013.01 - EP US); **A63H 1/02** (2013.01 - EP US)

Citation (applicant)
JP 5959773 B1 20160802

Citation (search report)
• [A] JP 5959773 B1 20160802
• [A] JP 3071767 U 20000922
• [A] JP 3088350 U 20020906
• [A] US 6364734 B1 20020402 - NG RICKY [HK]

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)
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