

Title (en)
TOY TOP

Title (de)
SPIELZEUGKREISEL

Title (fr)
TOUPIE

Publication
EP 3473314 A1 20190424 (EN)

Application
EP 18164772 A 20180328

Priority
JP 2017201195 A 20171017

Abstract (en)
A toy top includes a shaft portion, an additional part and an engaging part. The shaft portion includes a spinning shaft. The additional part is attached to the shaft portion movably in an axis direction of the spinning shaft. The engaging part engages the additional part with the shaft portion at different positions in the axis direction of the spinning shaft. An attachment position of the additional part is changeable by changing engagement of the additional part by the engaging part. A grounding state or a height of the shaft portion is changeable according to change of the attachment position of the additional part.

IPC 8 full level
A63H 1/04 (2006.01)

CPC (source: EP KR US)
A63B 67/165 (2019.01 - KR); **A63F 9/16** (2013.01 - US); **A63H 1/00** (2013.01 - KR); **A63H 1/04** (2013.01 - EP US); **A63H 29/24** (2013.01 - KR); **A63H 31/06** (2013.01 - US)

Citation (applicant)
JP 3149384 U 20090326

Citation (search report)

- [A] EP 3195911 A1 20170726 - TOMY CO LTD [JP]
- [A] US 9597604 B1 20170321 - HORIKOSHI KENJI [JP]
- [A] JP 2016185318 A 20161027 - TOMY CO LTD, et al
- [A] US 9737821 B1 20170822 - HORIKOSHI KENJI [JP]

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 3473314 A1 20190424; **EP 3473314 B1 20191009**; CN 208275004 U 20181225; JP 2019072249 A 20190516; JP 6618970 B2 20191211; KR 20190043068 A 20190425; US 2019111352 A1 20190418

DOCDB simple family (application)
EP 18164772 A 20180328; CN 201820421009 U 20180327; JP 2017201195 A 20171017; KR 20180050532 A 20180502; US 201815939438 A 20180329