

Title (en)
KIT OF PARTS FOR VERSATILE FUNCTIONAL TOYS

Title (de)
TEILESATZ FÜR VIELSEITIGE FUNKTIONSSPIELZEUGE

Title (fr)
KIT DE PIÈCES POUR JOUETS FONCTIONNELS POLYVALENTS

Publication
EP 3773959 A1 20210217 (EN)

Application
EP 19714678 A 20190405

Priority
• EP 18165820 A 20180405
• EP 2019058651 W 20190405

Abstract (en)
[origin: WO2019193157A1] The present disclosure relates to kits of parts for a functional toy, such as a children's walker, push along wagon, children push and ride-ons, wheel toys, rocking horse, and aid for crawling, standing, rolling, jumping, climbing, and balance training. In a first aspect the present disclosure regards a kit of parts for a functional toy, comprising: - one or more connector(s) having a first end, a second end, and a radially extending flange placed between the two ends, - one or more foam element(s) with at least one essentially planar surface, said surface comprising at least one opening extending perpendicular to the planar surface for receiving at least the first end of the connector, wherein the connector flange is configured as a stopper for the insertion of the first end into the foam element opening, and wherein the kit of parts are configured such that when the first end is inserted into the foam element opening to the stopper position, and a further suitable amount of force is applied to the connector in the direction of insertion, the flange of the connector is countersunk into the surface of the foam element, and remains countersunk after the further force is removed due to the frictional force between the connector and the opening.

IPC 8 full level
A63H 33/10 (2006.01); **A63G 13/06** (2006.01); **A63H 17/26** (2006.01)

CPC (source: EP KR US)
A63G 13/02 (2013.01 - EP KR); **A63G 13/06** (2013.01 - EP KR US); **A63G 23/00** (2013.01 - EP KR); **A63H 17/262** (2013.01 - EP KR US); **A63H 33/101** (2013.01 - US); **A63H 33/102** (2013.01 - EP KR); **A63H 33/108** (2013.01 - EP KR US); **A63F 2250/183** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2019193157A1

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)
WO 2019193157 A1 20191010; AU 2019249947 A1 20201008; AU 2019249947 B2 20230601; CN 111936214 A 20201113; EP 3773959 A1 20210217; EP 3773959 B1 20230607; EP 3773959 C0 20230607; JP 2021519651 A 20210812; JP 7352296 B2 20230928; KR 20200139675 A 20201214; US 2021016197 A1 20210121

DOCDB simple family (application)
EP 2019058651 W 20190405; AU 2019249947 A 20190405; CN 201980024650 A 20190405; EP 19714678 A 20190405; JP 2020554544 A 20190405; KR 20207026909 A 20190405; US 201917040747 A 20190405