

Title (en)

TOY CONSTRUCTION SET WITH ARTICULATING LINKABLE ELEMENTS

Title (de)

SPIELZEUGBAUSATZ MIT GELENKVERBINDUNGSELEMENTEN

Title (fr)

ENSEMBLE JOUET DE CONSTRUCTION DOTÉ D'ÉLÉMENTS ARTICULÉS RACCORDABLES

Publication

**EP 3600585 A4 20200722 (EN)**

Application

**EP 18770732 A 20180321**

Priority

- AU 2017100326 A 20170321
- US 201815919217 A 20180313
- CN 2018079757 W 20180321

Abstract (en)

[origin: WO2018171615A1] Provided are a construction toy set and an interlocking piece. The construction toy set (10) contains a plurality of interlocking pieces. Each of the interlocking pieces contains at least one linkage construct (12). Each linkage construct (12) includes a pivot hub (20) that has a first surface (22) and an opposite second surface (24). Detents (30) are formed into both surfaces (22, 24) of the pivot hub (20). Two yoke arms (32) are coupled to each pivot hub (20). Protrusions (44) extend from the interior surfaces (36) that are sized to be received by one of the detents (30). Gap spaces (34, 46) separate the yoke arms (32). Each of the gap spaces (34, 46) is sized to receive and retain the pivot hub (20) of another piece, wherein the pivot hubs (20) on all the pieces are uniform in shape and size.

IPC 8 full level

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CPC (source: EP RU)

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Citation (search report)

- [XAI] KR 200178749 Y1 20000415 - RINGO CO LTD [KR]
- [A] WO 2005005008 A1 20050120 - KIM KWAN-YOUNG [KR]
- [A] KR 200401684 Y1 20051121
- [A] KR 101642345 B1 20160729 - IRINGO CO LTD [KR]
- See references of WO 2018171615A1

Designated contracting state (EPC)

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**WO 2018171615 A1 20180927**; AU 2017100326 A4 20170420; CA 3056012 A1 20180927; CA 3056012 C 20220712; CN 110869099 A 20200306; CN 110869099 B 20220614; EP 3600585 A1 20200205; EP 3600585 A4 20200722; EP 3600585 B1 20220803; RU 2019131420 A 20210421; RU 2019131420 A3 20210817; RU 2757445 C2 20211015; TW 201842954 A 20181216

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