

Title (en)
CREATIVE CONSTRUCTION SET ADDITIONAL ACCESSORIES

Title (de)
ZUSÄTZLICHES ZUBEHÖR FÜR KREATIVEN BAUSATZ

Title (fr)
ACCESSOIRES SUPPLÉMENTAIRES POUR ENSEMBLE DE CONSTRUCTION CRÉATIVE

Publication
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Application
EP 19907407 A 20191216

Priority
• US 201962788787 P 20190105
• US 2019066506 W 20191216

Abstract (en)
[origin: WO2020142187A1] The invention is a cost effective, structural building set, suitable as a toy, using post connectors (10) comprised of a post (12) with attached disks (14), or similar devices that insert into cutouts (31) in geometric shaped component parts (30, 80). More than one component part can be connected to the same post connector, and such component parts can rotate relative to the post axis. The connector design allows construction of stable structures of many sizes, shapes, and types, and readily facilitates hinging between different sections of such assembled structures. Many variations of the invention are possible, including connection with other types of construction elements (530, 570, 580, 584, 602, 640), structural element figurines (900), spinors, (512), various shape post connectors (612, 618, 620, 611) and faceplates (632), blocks (550), faceplates (576), lenses (590), catapult/slingshot (680), periscope mirrors(660), tubes (672), wheels (925), spherical elements (915), figurines (900), animal parts (944, 947, 950), and plane parts (954, 955) and more.

IPC 8 full level
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Citation (search report)
• [Y] US 2013165012 A1 20130627 - KLAUBER ROBERT D [US], et al
• [Y] US 7267598 B2 20070911 - GLICKMAN JOEL I [US]
• [A] US 6273778 B1 20010814 - KYSTER STEEN [DK]
• [A] US 3946515 A 19760330 - FISCHER ARTUR
• See references of WO 2020142187A1

Designated contracting state (EPC)
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WO 2020142187 A1 20200709; AU 2019418353 A1 20210624; BR 112021012359 A2 20210831; CA 3120885 A1 20200709; CN 113260439 A 20210813; EP 3906103 A1 20211110; EP 3906103 A4 20221012; IL 284488 A 20210831; JP 2022516017 A 20220224; MX 2021004726 A 20210512; US 2021379501 A1 20211209

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