

Title (en)

A toy construction set formed from plural building blocks.

Title (de)

Spielzeug-Baukasten, bestehend aus einer Vielzahl von Bausteinen.

Title (fr)

Jeu de construction constitué de plusieurs blocs.

Publication

EP 0427698 A1 19910515 (EN)

Application

EP 90870179 A 19901010

Priority

- US 41909589 A 19891010
- US 49108190 A 19900309

Abstract (en)

A construction toy formed from a plurality of building blocks. Some facets of a first major block type (10) are embodied as including a plurality of radially extending vanes (16), others are complementally formed recesses (6). Preferably these recesses (6) and vanes (16) are disposed on top (2) and bottom walls (12) of the building block (10). A periphery (1) is provided with further structure for interconnection with other facets on another compatible block (30,60,80,140,160). Some peripheries (1) are provided with projections (40), others with channels (20). The projections (40) can be received not only in the channels (20), but also within recesses (6) on the bottom walls (12). The channels (20) not only can receive projections (40), but also can receive the vanes (16) on the top wall (2) of the block. A second major block is configured as a humanoid figurine (210). A third form of building block (310) is formed as a wafer-shaped rectangle having posts (340) on a top surface (311) and parallel-walled channels (350) on a bottom surface (312). A fourth major building block is a round wafer-shaped block (330) with beveled gear teeth (334) about a side wall (333) of the block.

IPC 1-7

A63H 33/08

IPC 8 full level

A63H 33/08 (2006.01); **A63H 33/10** (2006.01)

CPC (source: EP)

A63H 33/08 (2013.01); **A63H 33/10** (2013.01)

Citation (search report)

- [AD] US 4731041 A 19880315 - ZIEGLER JAMES T [CA]
- [AD] US 3603025 A 19710907 - HEUBL WALTER
- [AD] US 4792319 A 19881220 - SVAGERKO DANIEL E [US]
- [A] US 3442044 A 19690506 - QUERCETTI ALESSANDRO
- [A] DE 2446475 A1 19760408 - CIOPTIA PETER
- [AD] US 3496670 A 19700224 - SLOOP CONRAD B, et al
- [A] US 3461601 A 19690819 - KRISTIANSEN KNUD MOLLER
- [A] US 3513587 A 19700526 - FISCHER ARTUR
- [AD] US 4789369 A 19881206 - LYMAN RONALD L [US]
- [A] DE 1603194 B2 19740926
- [AD] US 171533 A 18751228
- [AD] US 3867784 A 19750225 - LANGE HELMUT
- [A] GB 1585436 A 19810304 - LIN WEN PIN
- [AD] US 3895456 A 19750722 - FABRE CARLO

Cited by

US5661941A; ES2112188A1; WO9717687A1; WO9508378A1

Designated contracting state (EPC)

DE DK ES FR GB IT SE

DOCDB simple family (publication)

EP 0427698 A1 19910515; EP 0427698 B1 19960710; DE 69027740 D1 19960814

DOCDB simple family (application)

EP 90870179 A 19901010; DE 69027740 T 19901010