

Title (en)

Construction toy set having low insertion force connecting bodies

Title (de)

Bauspielzeug, das Verbindungselemente mit geringer Einsteckkraft enthält

Title (fr)

Jeu de construction ayant des éléments de liaison à faible force d'insertion

Publication

EP 1690577 A2 20060816 (EN)

Application

EP 06007968 A 20020923

Priority

- EP 02021136 A 20020923
- US 10802402 A 20020326
- US 10814902 A 20020326
- US 0209334 W 20020326

Abstract (en)

A plurality of connecting bodies are formed in various shapes of a resilient material such as molded plastic or other resilient material. The connecting bodies each define a plurality of inwardly extending slots which form receiving mechanisms for the edge portions of a plurality of cooperating generally planar plate members. The plate members are assembled to form more complex structures utilizing the connecting bodies to form interconnection therebetween. In alternate embodiments, a complex structure for the inwardly extending slots includes flexible ribs on each side of the slots together with relief slots adjacent the ribs. In further alternate embodiments, the connecting bodies and plate members may be assembled to form complex fanciful figures utilizing specialized elements such as a fanciful head member which bears a fanciful face and leg elements.

IPC 8 full level

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CPC (source: EP)

A63H 33/08 (2013.01); **A63H 33/101** (2013.01); **A63H 33/102** (2013.01)

Cited by

FR3112081A1; RU183543U1; RU183543U9

Designated contracting state (EPC)

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EP 1348474 A2 20031001; **EP 1348474 A3 20040519**; **EP 1348474 B1 20060621**; **EP 1348474 B9 20061018**; DE 60212567 D1 20060803; DE 60212567 T2 20070524; EP 1690577 A2 20060816; EP 1690577 A3 20070725; ES 2267913 T3 20070316

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