

Title (en)

BUILDING BLOCK PUZZLE ASSEMBLY STRUCTURE AND BUILDING BLOCK TOY

Title (de)

ANORDNUNGSSTRUKTUR FÜR BAUSTEINPUZZLE UND BAUSTEINSPIELZEUGE

Title (fr)

STRUCTURE D'ASSEMBLAGE DE PUZZLE À BLOCS DE CONSTRUCTION ET JOUET À BLOCS DE CONSTRUCTION

Publication

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Application

EP 17893500 A 20171115

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Abstract (en)

[origin: EP3412352A1] The present invention discloses an assembly structure for building block puzzle and building block toys. The assembly structure for building block puzzle includes a movable building block constructing piece and a constructing base, the movable building block constructing piece is supported on the constructing base by an elastic member, the elastic member achieves compression under an effect of an external pressure which acts on the movable building block constructing piece and the constructing base, and makes the movable building block constructing piece and the constructing base move relatively close to each other, and when the external pressure disappears, the elastic member supports the movable building block constructing piece by a pre-pressure. The present invention has a simple and ingenious structure which is easy to produce with low cost. The problem that has never been solved in the field of building blocks are creatively solved by a design which is nearly the most simple, the safest and the most reliable, and has the most compatibility. It is very convenient to use and can be assembled at will and simply disassembled, greatly improving playability of the building block toys.

IPC 8 full level

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Citation (search report)

- [A] WO 2011016704 A2 20110210 - IM SAMBOK [KR]
- See references of WO 2018196343A1

Cited by

EP4209256A1

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