

Title (en)

PLANARLY CONNECTABLE TOY BRICKS COMPRISING AN UNILATERALLY OPEN, BOX-LIKE HOLLOW BODY AND PLUG-IN STUDS AT THE BOTTOM OUTER SIDE AS WELL AS A BOTTOM DOME ON THE BOTTOM INNER SIDE

Title (de)

FLÄCHIG VERBINDBARE SPIELBAUSTEINE MIT EINEM EINSEITIG OFFENEN, KASTENARTIGEN HOHLKÖRPER UND MIT AN DER BODENAUSSENSEITE ANGEORDNETEN STECKNOPPEN SOWIE AN DER BODENINNENSEITE ANGEORDNETEN BODEN-DOM

Title (fr)

ÉLÉMENTS DE JEU POUVANT ÊTRE ASSEMBLÉS À PLAT AVEC UN CORPS CREUX OUVERT D'UN CÔTÉ DE TYPE CAISSON ET AVEC DES SAILLIES D'EMBOÎTEMENT DISPOSÉES SUR LA FACE EXTÉRIEURE DU FOND AINSI QU'UN DÔME DE FOND DISPOSÉ SUR LA FACE INTÉRIEURE DU FOND

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Abstract (en)

[origin: WO2016169660A2] 1. The invention relates to planarly connectable toy bricks comprising an unilaterally open, box-like hollow body and plug-in studs at the bottom outer side and bottom domes on the bottom inner side. 2.1 Differently designed plug-in building blocks comprising an unilaterally open, box-like hollow body and cylindrical coupling pieces/primary pins (pluggable studs) at the bottom outer side as well as secondary pins (floor domes) on the bottom inner side are known from the prior art. 2.2 In order to achieve an increased frictional force in such toy bricks with only a tangential clamping - and proceeding from a toy brick according to the preamble of patent claim 1 - , both the plug-in studs (S) on the upper side of the toy brick (SB) and the floor domes (B) on the bottom side of the toy brick (SB) are according to the invention designed as an n-rectangular straight prism having parallel and equally long side edges. In addition, the ribs are designed as double-webbed retaining protrusions (2), the plug-in studs (S) have through-holes (4) of different shapes at the bottom as well as stabilizing webs (5) which extend between the retaining protrusions (2) and parallel thereto. Finally, a click system is provided, which ensures that the user has apart from the visual and haptic perception an acoustic perception of the completion of the clamping of two toy bricks (SB). 2.3 The invention relates to the field of toy bricks.

IPC 8 full level

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