

Title (en)

BALL-FORMED CONNECTION ELEMENTS

Title (de)

KUGELFÖRMIGE VERBINDUNGSTÜCKE

Title (fr)

ELEMENTS D'ASSEMBLAGE EN FORME DE BALLES

Publication

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Application

**EP 02781158 A 20021004**

Priority

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Abstract (en)

[origin: WO03031010A1] The present invention relates to a toy construction system comprising construction elements, which elements are formed for three-dimensional constructions, which elements comprise first and second means for connection, which elements are connectable in more directions at the same time. The scope of this invention is to create a toy construction system which is simple and easy to use, and which makes it possible to build structures with a constructional freedom in three dimensions. This can be achieved with a construction system as described in the introduction if the system comprises at least partly ball-formed construction elements where the elements may also comprise at least first connection means at the ball surface, which ball may comprise at least one cutout, which cutout has an inside surface designed for being in registration with another ball-formed element, which cutout comprises second connection means. In this way it can be achieved that it will be possible to make constructions in at least six different directions from each ball element. This makes it possible for children or others who are playing with this toy to construct elements with three- dimensional structures where only the imagination of the playing person limits the possibilities. It will always be possible to continue building further on an existing model, and in this way it opens for spontaneous artistic values in playing. This invention also leads to minimal materials consumption in that the elements are optimized due to the form of the elements. This leads to a simple and inexpensive production.

IPC 8 full level

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