

Title (en)
A SYSTEM FOR ERECTING CLIMBING WALLS BY MEANS OF STANDARDIZED ELEMENTS

Title (de)
SYSTEM ZUM AUFRICHTEN VON KLETTERWÄNDEN MITTELS STANDARDISIERTER ELEMENTE

Title (fr)
SYSTÈME POUR ÉRIGER DES MURS D'ESCALADE AU MOYEN D'ÉLÉMENTS NORMALISÉS

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Application
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Abstract (en)
With the system of the invention, standard panel elements (5, 6) in the shape of flat surfaces and fabricated by standardized procedures are joined with each other by various connecting elements. A plurality of various bodies can be assembled from triangles, rectangles, pentagons, hexagons and other polygons, i.e. standard panel elements having equally long sides. According to the system of the invention any number of standard panel elements, i.e. polygons, can be joined with each other in order to design a climbing wall or a climbing surface tailored to user's wishes. Each standard panel element in the assembly that makes up a climbing wall is joined with another standard panel element by way of a connecting element. All standard panel elements are subject to a condition that they are equally processed on their circumference. In order to provide for a precise matching of standard panel elements, from which a climbing wall is made up, regardless of their mutual combinations and position, the circumferences and edges, with which the standard panel elements are joined with each other, must match in length and a joint between them must provide for adequate stability with a possibility of simple assembly and disassembly regardless of the angle, at which the standard panel elements are joined with each other. Connecting elements can be of various types: angle elements (4), hinge joint or folding joint (12). The standard panel elements can thus be combined in an unlimited number of ways and a set of the standard panel elements can constantly be optimized.

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