

VERSATILE ELEMENTS FOR THE CONSTRUCTION OF STRUCTURES IN EMERGENCY SITUATIONS

Description:

Development of an interconnecting disk for the construction of three-dimensional structures to be used in emergency situations. This disc is manufactured in a single unit or tesla that presents an integral material and allows the ends of the frame members of the structure to be connected, said disc being characterized by a plurality of pairs of spaced flange elements. These elements define receiving grooves for the beams arranged in a relationship that generally extends radially around the central axis of the disk unit with articulated elements relative to the existing rigid ones. With these elements, basic necessities can be built in crisis and emergency situations.

Keywords:

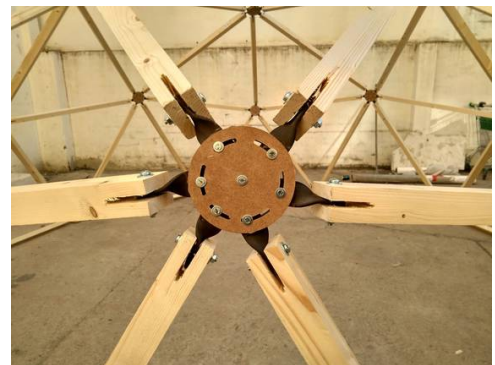
[Construction](#), [Self-Built House](#), [Interconnector](#), [Three-Dimensional Structure](#), [Emergencies](#)

Sectors:

[Engineering](#), [Construction](#), [Security](#), [Protection and Defense](#)

Areas:

[Infrastructure improvements](#), [Protection and security](#), [Infrastructures](#), [Construction](#)



Advantages:

An improved connector is produced to interconnect the vertices of a plurality of geometric figures and is not limited to triangular like other systems. It has no limitation regarding the geometric degrees of the structure.

Uses and Applications:

It can be used to build emergency buildings, market humanitarian crisis situations and self-construction. First world market and in situations of vulnerability. Emergency and catastrophe sector.

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Protection Level: Worldwide (PCT countries)

Processing Status: Spanish utility model and worldwide (PCT countries) protection application