

Title (en)
METHOD FOR MANUFACTURING STRUCTURES MADE OF METAL BUBBLES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON STRUKTUREN AUS METALLBLASEN

Title (fr)
PROCEDE DE FABRICATION DE STRUCTURES EN BULLES METALLIQUES

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Application
EP 10731560 A 20100412

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Abstract (en)
[origin: WO2011128716A1] The invention relates to a construction system named the "Synerbul System", which considerably lightens all types of constructions, rigidifying said constructions and providing thermal and acoustic insulation by the trapped-air principle, included in "synerbul" walls, which saves execution time and therefore reduces costs. The relative lightness of the structures built as a lattice of synergic bubbles enables construction on muddy and unstable terrains. Said concept is versatile by nature and can be adapted to other trades such as aeronautics or sailing, among the most conceivable. The "Synerbul" system offers explosion resistance, since the air trapped inside the bubbles of the lattices absorbs the detonation. Said concept can be included in earthquake resistance standards. The binder or cover that finishes the contours of the construction only accounts for thirty per cent of the final bulk.

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