ABSTRACT

SPATIAL STRUCTURE

A spatial structure that enables the assembly and disassembly of architectural elements quickly and easily, ensuring the necessary structural robustness and which basically comprises a node (1) with a plurality of sockets (2), a bar (3) intended for insertion at either of the two ends thereof in said sockets (2), a perforated screw (5) whose inner surface (6) allows the insertion of the end of the bar (3) and whose outer surface is coupled to the sockets (2), and a portion of flexible washer (8) suitable for insertion into the socket (2) of the node (1) and closing by compression as a result of the thrust exerted by the perforated screw (5) to adopt the shape of a substantially closed washer such that said bar (3) is locked inside the perforated screw (5), preventing the disassembly of the structure but not the rotation of the bar (3) inside the socket (2).

Figure 6a