

Title (en)  
SUSPENDED FLEXIBLE COMPARTMENT STRUCTURE

Title (de)  
EINGEHÄNGTER, FLEXIBLER FACHAUFBAU

Title (fr)  
STRUCTURE SUSPENDUE A CASIERS

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Abstract (en)  
[origin: WO2007082871A2] The invention relates to a transport frame or container comprising at least two opposite walls (11, 12) or frame parts between which a flexible compartment structure can be suspended. Said compartment structure is made of connected paths (1, 2) which are made of a flexible material which forms compartments (10) for receiving objects. The compartment structure (10) comprises at least two upper closing ends (4) which are arranged on opposite sides and are fixed to bars (5) which extend along said closing ends. The ends (7) of said bars can be inserted into receiving elements (6) which are arranged on opposite wall or frame parts (11, 12) such that the compartment structure is suspended over the bars (5) which are maintained in the receiving elements (6) in the container and/or frame (20). The aim of the invention is to produce a transport container and/or a transport frame having said characteristics, wherein the flexible compartment structure is suspended in a secure manner in the frame or container, even during transportation, and cannot detach itself, for example, due to vibrations, but can also be lowered in the frame or container in the most simple manner possible, that the lateral walls are folded or unfolded without the upper edges or paths of the flexible compartment structure being bent or folded. According to the invention, the receiving elements (6) for the ends of the bars are open on one side in a transversal manner in the longitudinal direction of the bars (5) such that the bars can be inserted into the receiving elements (6) from the open side. The ends of the bars (7) and/or the receiving elements (6) are formed in such a manner that said bars (5) cannot slide out from the receiving elements.

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