

Title (en)
COLLAPSIBLE TRANSPORT AND STORAGE CONTAINER

Title (de)
KLAPPBARER TRANSPORT- UND LAGERBEHÄLTER

Title (fr)
CAISSE DE TRANSPORT ET D'ENTREPOSAGE PLIANTE

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Application
EP 09766230 A 20090608

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Abstract (en)
[origin: WO2009153693A1] The invention relates to a plastic collapsible storage and transport container comprising a bottom part and four foldable lateral walls arranged in an articulated manner on the container bottom, of which two opposing first lateral walls (2) can be detachably engaged with the other two opposing second lateral walls (4) in the corner regions (6) by means of catch bolts (1). The catch bolts (1) are embodied as spring clips (6) and have an end (4) which is connected to the first lateral wall (2) of the container in a fixed manner. A bolt projection (3) is formed on the free end (3) of the spring clip (6), said bolt projection being used to engage in an engagement projection arranged on the second lateral wall. The spring clips (6) are arranged in a recess (15) of the first lateral wall (2) in such a way that the free end (3) of the spring clip (6) with the bolt projection (3) formed thereon can be moved in the plane of the first lateral wall (2), against the elastic force of the spring clip (6). The spring clip (6) comprises a grip part (5) in the central region between the end (4) connected to the lateral wall (2) in a fixed manner, and the free end (3). The upper corner regions of the first lateral walls (2) are double-walled, the inner lateral surfaces (2a) and the outer lateral surfaces (2b) of the double-walled sections forming the recesses (15) for receiving the spring clips (6). The outer lateral walls (2b) of the double-walled sections have a closed surface (14). The inner lateral surfaces (2a) of the first lateral walls (2) have a grip hole (12) in the region of the double-walled sections in such a way that the grip part (5) of each spring element (6) can only be actuated from the inner side of the container and can only be moved in a limited manner.

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