Claims

1. A transport and storage container (10) for liquids comprising a pallet-type understructure (29) and an inner container (11) made of plastic, the inner container (11) having four side walls (12, 13, 14, 15), a lower and an upper bottom (16, 17), a sealable filling socket (19) which is formed on the upper bottom (17) and an outlet socket (20) which is formed on the lower portion of a side wall (12), said outlet socket (20) having a tapping fitting (21), the transport and storage container comprising a cage (22) having horizontal and vertical bars (23, 24) made of metal for receiving the inner container (11), ends of the vertical bars (24), which are formed by a hollow profile, being welded to a lower and an upper circumferential edge profile (26, 28) of the cage (22), the upper ends of the vertical bars (24) having a connecting portion (25) in order to be connected to the upper edge profile (26), said connecting portion (25) having a flat section which is formed from the hollow profile (34) by deforming, at least two vertical bars (24), which are disposed on opposite side walls (12, 14), being connected at the connecting portions (25) by means of a traverse bar (30) which extends over the upper bottom (17) of the inner container (11) and which is formed by a hollow profile (33), a connecting portion (25) of a vertical bar (24) being connected to a connecting portion (31) formed on the ends of the traverse bar (30) by deforming the hollow profile to a flat section via a screwed joint (32) in each case, the connecting portions (31) of the traverse bar (30) being bent open with respect to a longitudinal portion (37), which extends over the upper bottom (17) of the inner container (11), and extending towards the connecting portions (25) of the vertical bars (24), and the connecting portions (31) of the traverse bar (30) having a fastening opening with a wall for forming a threaded engagement with a connecting screw (39), which is guided

through a passage opening (40) of the connecting portion (25) of the vertical bar (24),
wherein the vertical bars (24) which are connected to each other via the traverse bar (30) or the traverse bar (30) have/has a cross section recess for decreasing a shear force acting on the connecting screw (39) in transition portions (36, 35), which are formed adjacent to the connecting portions (25, 31).

2. The container according to claim 1,
characterized in that
the cross section recess in the transition portions (31) of the traverse bar (30) is formed opposite a screw end (42) protruding from the fastening opening (41) and serves to receive the screw end (42) when the transition portion (31) approaches the screw end (42).

3. The container according to claim 2,
characterized in that
the cross section recess is formed as a depression (44) or a recess which is formed between longitudinal edges of the traverse bar (30) in the transition portion (31) of the traverse bar (30).

4. The container according to claim 1,
characterized in that
the cross section recess in the transition portions (25) of the vertical bars (24) forms a predetermined bending point which allows a pivoting of the connecting portions (25, 31) away from the inner container (11) around the predetermined bending point and outwards around an axis which is parallel to the upper edge profile (26) when a shear force acts on the connecting portions (25, 31) via the traverse bar (30).

5. The container according to claim 4,
characterized in that
the predetermined bending point is formed as a groove (45) which is

disposed on an outer surface (46) of the vertical bars (24) in the transition portion (25) and which extends parallel to the upper edge profile (26).