

Title (en)
COLLAPSIBLE CONTAINER

Title (de)
ZUSAMMENKLAPPBARER BEHÄLTER

Title (fr)
CONTENANT PLIANT

Publication
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Application
EP 03770205 A 20031107

Priority
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Abstract (en)
[origin: WO2004043799A1] Collapsible container for transport and storage, comprising a bottom part (2) and inwards foldable side walls (1). The parts (1 and 2 respectively) are manufactured through injection moulding of a thermoplastic material. The side walls (1) are movably connected to the bottom part (2) via hinges (3), formed by a plurality of lower hinge parts (30) which are manufactured in one piece together with the bottom part (2) and a plurality of upper hinge parts (35) which are manufactured in one piece together with the foldable side walls (1). The number of lower hinge parts (30) are the same or more than the number of upper hinge parts (35). At least one of the upper hinge parts (35) comprises a central connector piece (36), having one end connected to the lower portion of the side wall (1) while the other end is connected to a pivot pin (37). The pivot pin (37) has two pivot pin ends (38 and 39 respectively) extending on both sides of the central connector piece (36). The two pivot pin ends (38 and 39 respectively) extends parallel to the side wall (1) and its lower portion. At least one of the lower hinge parts (30) comprises a horizontal longitudinal slot (31) being open towards the inside of the collapsible container by being formed by a lower and upper wall portion (32 and 33 respectively). The lower hinge part further comprises a central slot (34). The horizontal length of the horizontal longitudinal slot (31) is longer than the horizontal length of the pivot pin (37).

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CPC (source: EP)
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Cited by
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