

Title (en)
FOLDABLE CONTAINER WITH GUSSET FOLDS

Title (de)
FALTBARER BEHÄLTER MIT SEITENFALTEN

Title (fr)
RÉCIPIENT PLIABLE AVEC PLIS À GOUSSET

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Application
EP 08784418 A 20080821

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Abstract (en)
[origin: WO2009024149A1] Container folded up from a flat sheet (1) with a rectangular bottom (2) approximately at the middle. The sheet is folded through folding lines (3) and (3') to upright or slanting side-walls (4) and (4') by means of flaps (6) and (6'), which are folded around sloping folding lines (5). The container can contain fluids, if the material of the sheet is sufficiently tight, and it can be kept upright in an extremely simple and stable way. The two opposite side-walls (4') have just one slit (8), into which a tap (7) from the uttermost placed set of flaps (6') can keep both this and the innermost set of flaps into place. The taps (7) and the slits (8) in the two ends are advantageously displaced to the same side and over the middle of their side-wall (4'), but suitably near this. The invention also relates to a procedure and an apparatus, which simply, mechanically and without the need for compressed air or vacuum, from the flat sheet (1) can fold the container into shape, because it is well suited for small series, as the volume of the apparatus can be small. It shall just be able to fasten the flaps (6) and (6') to the side-walls (4'), possibly also guide the upright and on its flat bottom (2) separately and stable standing container further for filling, pouring the content into, and if necessary close the container at the top by welding.

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