

Title (en)
Foldable wall system and foldable container

Title (de)
Faltbares Paneelwandsystem und faltbarer Behälter

Title (fr)
Système de panneaux pliable et récipient pliable

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Application
EP 03008988 A 20030417

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Abstract (en)
The present invention relates to a foldable wall system (1) comprising at least two, in particular flat, essentially horizontally aligned panels (2,4) which are joined along a flexible folding axis by at least one film hinge, wherein adjacent to the film hinge, in particular between two adjacent film hinges (6,8), at least one elastic stretch band (16) and/or spring is/are located which is joined, in particular in one piece, with the first panel at least on one of its sides and with the second, adjacent panel at least on its opposite side, and which is separated from the film hinge at least partially, in particular in the area of the folding axis of the film hinge, whereby the elastic stretch band or spring is adapted to be unstretched when the adjacent panels are folded, and stretched when said panels are not completely folded or are unfolded. Also, the invention relates to a collapsible container which comprises a base, two pairs of opposite side walls and a circumferential rim on top of said side walls wherein at least one side wall, in particular both side walls of at least one pair of opposite side walls, comprises a foldable wall system of the invention. Furthermore the invention encompasses methods for the preparation of a foldable wall system and of a collapsible container. <IMAGE> <IMAGE>

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