

Title (en)

LOW-DENSITY ELEMENT MADE OF CORRUGATED MATERIAL.

Title (de)

MATERIALTEIL NIEDRIGEN VOLUMENGEWICHTS AUS WELLENMATERIAL.

Title (fr)

ELEMENT EN MATERIAU ONDULE A POIDS VOLUMIQUE REDUIT.

Publication

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Application

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Priority

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Abstract (en)

[origin: US5431985A] PCT No. PCT/EP91/02303 Sec. 371 Date Jul. 27, 1993 Sec. 102(e) Date Jul. 27, 1993 PCT Filed Dec. 3, 1991 PCT Pub. No. WO92/09501 PCT Pub. Date Jun. 11, 1992. The present invention relates to a low-density material element for use as protective packaging. The material element consists of a multi-layered body of a corrugated material which is lined on one of its sides. Thus the neighboring corrugated layers lie adjacent one another with a common lining layer without interlocking with one another and without being compressed. The multi-layer body has an extension length (L, E) which is in a direction perpendicular to both the corrugation extension direction and the layering direction. The multi-layer body is characterized in that it is held together with a singly positioned fixation. This singly positioned fixation functions to allow neighboring corrugated layers to lie loosely adjacent one another without being compressed. Furthermore, the singly positioned fixation allows the corrugated layers to be slidable relative to one another in a direction perpendicular to the corrugation extension (S) on being bent in a plane towards the body material.

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