

Title (en)

EXPANDABLE HONEYCOMB CORE, METHOD FOR THE CONTINUOUS PRODUCTION THEREOF AND SANDWICH COMPOSITE

Title (de)

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Title (fr)

ALVÉOLE EXPANSIBLE, PROCÉDÉ POUR SA FABRICATION CONTINUE ET STRUCTURE SANDWICH

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Application

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Abstract (en)

[origin: WO2011082708A1] The invention relates to an expandable honeycomb core, consisting of individual strips (2) of paper, plastic, aluminium or other sheet materials, said strips being connected to one another by alternating double (4) and single webs (3) so that when they are pulled apart a honeycomb structure is obtained, characterised in that a pattern of indentations (5) located transversely to the longitudinal axis of the strips (2) is provided along the strips (2), and the strips (2) are joined at the indentations (5) alternately with a left and a right adjacent strip by overlapping in the region of each double web (4). A method for producing an expandable honeycomb core is described. A plate-shaped or three-dimensional sandwich composite that can be produced by means of the expandable honeycomb core is also described.

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