

Title (en)

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

Title (de)

EXPANDIERBARER WABENKERN, VERFAHREN ZU DESSEN KONTINUIERLICHER HERSTELLUNG SOWIE SANDWICHVERBUND

Title (fr)

ALVÉOLE EXPANSIBLE, PROCÉDÉ POUR SA FABRICATION CONTINUE ET STRUCTURE SANDWICH

Publication

EP 2531348 A1 20121212 (DE)

Application

EP 11708977 A 20110107

Priority

- DE 102010004554 A 20100107
- DE 2011000026 W 20110107

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.

IPC 8 full level

B31D 3/02 (2006.01)

CPC (source: EP)

B31D 3/023 (2013.01)

Citation (search report)

See references of WO 2011082708A1

Cited by

DE102021109976A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011082708 A1 20110714; DE 112011100204 A5 20130103; EP 2531348 A1 20121212; EP 2531348 B1 20160511

DOCDB simple family (application)

DE 2011000026 W 20110107; DE 112011100204 T 20110107; EP 11708977 A 20110107