

Title (en)

Method of forming a package from a strip of material

Title (de)

Verfahren zum Herstellen einer Verpackung aus bahnförmigem Material

Title (fr)

Procédé de fabrication d'un emballage d'une matière en bande

Publication

EP 1360134 A1 20031112 (EN)

Application

EP 01909139 A 20010212

Priority

US 0104470 W 20010212

Abstract (en)

[origin: WO02064472A1] A package of a continuous strip (11) of material comprises a plurality of parallel side by side stacks (12) each containing a length of the strip which is folded back and forth such that each folded portion of the stack is folded relative to the next portion about a line transverse to the strip and such that the side edges (17, 18) of the strip portions are aligned. The strip is continuous through each stack and is connected by a splice from the end of one stack to beginning of the next stack. The package is compressed to reduce the height of the stacks and maintained in the compressed condition by an evacuated sealed bag. The strip of each stack is formed so as to have a varying width for example to form diaper inserts when the strip is cut into individual strip elements. The length of each strip portion of the stack is arranged to equal a whole number of strip elements so that the cut lines (25, 26) can be arranged at the fold lines. The stacks are arranged with the side edges (27, 28) of the strips aligned and the wider parts of one stack nested within a narrower part of the next adjacent stack.

IPC 1-7

B65H 45/101; **B65H 35/02**

IPC 8 full level

B65H 35/02 (2006.01); **B65H 45/101** (2006.01)

CPC (source: EP)

B65H 35/02 (2013.01); **B65H 2301/42162** (2013.01)

Citation (search report)

See references of WO 02064472A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02064472 A1 20020822; CA 2436441 A1 20020822; CA 2436441 C 20080729; DE 60126152 D1 20070308; DE 60126152 T2 20071018; EP 1360134 A1 20031112; EP 1360134 B1 20070117; ES 2280342 T3 20070916

DOCDB simple family (application)

US 0104470 W 20010212; CA 2436441 A 20010212; DE 60126152 T 20010212; EP 01909139 A 20010212; ES 01909139 T 20010212