

Title (en)

STACK OF INTERFOLDED MATERIAL SHEETS AND METHOD FOR ITS PRODUCTION

Title (de)

STAPEL VON ZUSAMMENGEFALTETEN MATERIALFLÄCHENGEBILDEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

PILE DE FEUILLES DE MATERIAU ENTREPLIEES, ET PROCEDE D'ELABORATION

Publication

EP 1625090 A1 20060215 (EN)

Application

EP 04731271 A 20040505

Priority

- SE 2004000681 W 20040505
- SE 0301297 A 20030505

Abstract (en)

[origin: WO2004099051A1] The invention relates to a stack (101) of material sheets (102), which material sheets (102) have a longitudinal direction and a transverse direction and which material sheets (102) are folded at least once in the transverse direction along a transverse folding line and at least once in the longitudinal direction along a longitudinal folding line. The material sheets (102) are interlinked in such a way that, when a first material sheet is extracted, a predetermined part of the next material sheet is fed out. Two consecutive material sheets (102) in the stack (101) are folded in one another and are in this way interlinked by panels (107) of the respective material sheets (102). The said panels (107) constitute rectangles each having two delimiting edges in the form of a longitudinal fold edge (105) and a transverse fold edge (106). The two consecutive material sheets (102) lie stacked with the longitudinal fold edge (105) of a first material sheet arranged in the opposite direction in relation to the corresponding longitudinal fold edge (105) of the next, second material sheet. In addition, a panel (107) of the first material sheet is enclosed by two panels (107) of the next material sheet. The invention also relates to a method of producing such a stack (101) of material sheets (102).

IPC 1-7

B65H 45/24; B65D 83/08; A47K 10/42

IPC 8 full level

B65D 83/08 (2006.01); **B65H 45/24** (2006.01)

CPC (source: EP)

B65H 45/24 (2013.01); **B65H 2701/1123** (2013.01)

Citation (search report)

See references of WO 2004099051A1

Cited by

CN106455875A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004099051 A1 20041118; AT E366214 T1 20070715; AU 2004236141 A1 20041118; AU 2004236141 B2 20100318; CO 5630002 A2 20060428; DE 602004007377 D1 20070816; DE 602004007377 T2 20080313; EP 1625090 A1 20060215; EP 1625090 B1 20070704; ES 2289516 T3 20080201; MX PA05010624 A 20051212; PL 1625090 T3 20071130; SE 0301297 D0 20030505; SE 0301297 L 20041106; SE 525145 C2 20041207

DOCDB simple family (application)

SE 2004000681 W 20040505; AT 04731271 T 20040505; AU 2004236141 A 20040505; CO 05122250 A 20051201; DE 602004007377 T 20040505; EP 04731271 A 20040505; ES 04731271 T 20040505; MX PA05010624 A 20040505; PL 04731271 T 20040505; SE 0301297 A 20030505