

Title (en)
AUTOMATED FOLDING METHOD

Title (de)
AUTOMATISIERTES FALZVERFAHREN

Title (fr)
PROCÉDÉ DE PLIAGE AUTOMATISÉ

Publication
EP 3266734 B1 20190306 (DE)

Application
EP 17174472 A 20170606

Priority
DE 102016212087 A 20160704

Abstract (en)
[origin: CN107571612A] The invention relates to an automated folding method, which enables to automatically fold at least two folding pages (2) in a folding machine through a computer (11). The folding page (2) comprises a plurality of folding page faces (13) having the same size. The basic folding types of all the folding page faces (13) have a consistent number (12). The folding method comprises the steps that the computer (11) checks whether the folding page (2) is intersected or not; the distance between the folding page (2) is used for the distance between the unified folding page surfaces (13); a distance embedding device is disposed between the folding page (2) and the folding page face (13); the position of the folding page (2) can be adapted to the distance between the folding page faces (13), making a folding line (8) to superpose; the shared folding page (5) conducts folding process; the shared folding pages (5) are cut for division.

IPC 8 full level
B65H 45/28 (2006.01); **B41F 13/56** (2006.01); **B42C 19/02** (2006.01); **B42C 19/04** (2006.01)

CPC (source: EP)
B41F 13/56 (2013.01); **B42C 19/02** (2013.01); **B42C 19/04** (2013.01); **B65H 45/28** (2013.01); **B41F 13/58** (2013.01); **B41F 13/60** (2013.01); **B42C 19/00** (2013.01); **G03G 15/6582** (2013.01); **G03G 2215/00877** (2013.01)

Cited by
CN114589970A

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)
EP 3266734 A1 20180110; **EP 3266734 B1 20190306**; CN 107571612 A 20180112; CN 107571612 B 20200811;
DE 102016212087 A1 20180104

DOCDB simple family (application)
EP 17174472 A 20170606; CN 201710524122 A 20170630; DE 102016212087 A 20160704