

Title (en)

METHOD FOR SINGULATING STACKED, DISK-SHAPED ELEMENTS, AND SINGULATING DEVICE

Title (de)

VERFAHREN ZUR VEREINZELUNG VON GESTAPELTEN, SCHEIBENFÖRMIGEN ELEMENTEN UND VEREINZELUNGSVORRICHTUNG

Title (fr)

PROCEDE D'INDIVIDUALISATION D'ELEMENTS EMPILES EN FORME DE DISQUE ET DISPOSITIF D'INDIVIDUALISATION

Publication

EP 1899248 A2 20080319 (DE)

Application

EP 06753527 A 20060509

Priority

- EP 2006004327 W 20060509
- DE 102005023424 A 20050520
- DE 102005045583 A 20050923

Abstract (en)

[origin: WO2006122677A2] The invention relates to a method for singulating stacked, disk-shaped elements (3, 3', 3'') from a stack (2) as well as a singulating device. Said singulating device (1) comprises a feeding mechanism (4), by means of which a stack (2) of disk-shaped elements (3, 3', 3'') is delivered to an accelerating unit (5). A section of a peripheral edge (9') of a first element (3) of the stack (2) is accelerated by the accelerating unit (5), thus increasing the traveling speed of the first element (3) of the stack (2). The element (3) that has been accelerated on one side at the peripheral edge (9) thereof is placed on a conveying mechanism (32), with the aid of which the deposited element (3) is conveyed away.

IPC 8 full level

B65G 59/08 (2006.01); **B65H 3/06** (2006.01)

CPC (source: EP)

B28D 5/0082 (2013.01); **B65G 49/063** (2013.01); **B65G 49/068** (2013.01); **B65G 59/08** (2013.01); **H01L 21/67092** (2013.01); **H01L 21/67706** (2013.01); **H01L 21/67712** (2013.01); **H01L 21/67718** (2013.01)

Citation (search report)

See references of WO 2006122677A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102005045583 A1 20061123; EP 1899248 A2 20080319; WO 2006122677 A2 20061123; WO 2006122677 A3 20070405

DOCDB simple family (application)

DE 102005045583 A 20050923; EP 06753527 A 20060509; EP 2006004327 W 20060509