

Title (en)
Automatic card-cutting apparatus

Title (de)
Automatische Kartenschneidvorrichtung

Title (fr)
Appareil de découpe de carte automatique

Publication
EP 2620401 A1 20130731 (EN)

Application
EP 12152854 A 20120127

Priority
EP 12152854 A 20120127

Abstract (en)
An automatic card-cutting apparatus provided with plural transfer rollers (5) to transfer paper (90), plural slitter heads (1) to cut the paper (90) in a transferring direction (X), and a lateral cutter portion (2) to cut the paper (90) in a lateral direction (Y) at right angles with the transferring direction (X) to conduct divisional cutting of the paper (90) into plural cards (C). Each of the plural slitter heads (1) is provided with a side head (1A) disposed as to be freely position-adjusted in the lateral direction to cut a side edge portion (91) of the paper (90) into belt shape, and a middle head (1B) having an upper blade (11) of disc and a pair of lower blades (12) each of which contacts each of left and right side edge portions (11d) of the upper blade (11), disposed as to be freely position-adjusted in the lateral direction to cut a longitudinal middle waste portion (92) of the paper (90) into belt shape.

IPC 8 full level
B65H 35/08 (2006.01); **B26D 1/08** (2006.01); **B26D 1/24** (2006.01); **B65H 35/02** (2006.01); **B65H 35/04** (2006.01); **B65H 35/06** (2006.01)

CPC (source: EP)
B26D 1/085 (2013.01); **B26D 1/245** (2013.01); **B65H 35/02** (2013.01); **B65H 35/06** (2013.01); **B65H 2701/1914** (2013.01)

Citation (applicant)
JP 2011201646 A 20111013 - DUPLO SEIKO CORP

Citation (search report)
• [AD] JP 2011201646 A 20111013 - DUPLO SEIKO CORP
• [A] EP 1935589 A1 20080625 - CARL MFG CO [JP]
• [A] EP 1201587 A2 20020502 - JUST CORP CO LTD [JP]

Citation (third parties)
Third party :
• WO 2011118637 A1 20110929 - DUPLO SEIKO CORP [JP], et al
• US 2013057930 A1 20130307 - TOKI AKIHIKO [JP], et al
• US 2006145415 A1 20060706 - OOTA RYUICHI [JP], et al
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CN112277033A; CN114735502A

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

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