

Title (en)
Envelope processing

Title (de)
Umschlagverarbeitung

Title (fr)
Traitement d'enveloppe

Publication
EP 2261056 A2 20101215 (EN)

Application
EP 10394010 A 20100611

Priority
IE 20090461 A 20090612

Abstract (en)
A system for processing an envelope containing contents has stations (108, 109) for opening envelopes, and a checking station (110) for checking contents of envelopes. The opening station (108) comprises a cutter (22, 23) and a drive mechanism (25, 26) to separately cut opposed leaves of the envelope. The cutter comprises a wheel (22, 23) for cutting through each of the leaves, and the drive mechanism (24, 26, 25, 27) rotates the wheel (22, 23) and causes it to traverse across the envelope. There is a separate wheel (22, 23) for each envelope leaf and the drive mechanism simultaneously drives the wheels to cut both leaves simultaneously. The cutter comprises a separator (20, 21) for drawing the leaves away from each other so that they are separated from the contents during cutting. The separator comprises at least one suction cup (20, 21) for engaging the leaf and drawing it away from the plane of the contents; and there are opposed suction cups (20, 21). The separator simultaneously draws the leaves in opposing directions away from the contents.

IPC 8 full level
B43M 7/00 (2006.01); **B43M 7/02** (2006.01); **G11B 23/50** (2006.01)

CPC (source: EP)
B43M 7/005 (2013.01); **B43M 7/02** (2013.01)

Citation (applicant)
• US 4272943 A 19810616 - RUSSELL ROBERT J
• WO 9400356 A1 19940106 - BONGART MARCEL [FR]

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2261056 A2 20101215; **EP 2261056 A3 20110112**; IE 20100378 A1 20110316

DOCDB simple family (application)
EP 10394010 A 20100611; IE 20100378 A 20100611