

Title (en)

PACKING MACHINE FOR PACKAGES MADE OF OBJECTS; METHOD FOR PRODUCTION OF PACKAGES AND PACKAGE

Title (de)

VERPACKUNGSMASCHINE FÜR GEBINDE AUS GEGENSTÄNDEN; VERFAHREN ZUM HERSTELLEN VON GEBINDEN UND GEBINDE

Title (fr)

MACHINE D'EMBALLAGE POUR DES ENSEMBLES D'OBJETS, PROCÉDÉ DE PRODUCTION D'ENSEMBLES, ET ENSEMBLE CORRESPONDANT

Publication

EP 2265502 A1 20101229 (DE)

Application

EP 09734096 A 20090213

Priority

- EP 2009051705 W 20090213
- DE 102008020299 A 20080422

Abstract (en)

[origin: WO2009130071A1] The invention discloses a packing machine (100) for packages (30) made of objects (3). In a station (50) a plurality of groups (10) separated from the objects (3) are wrapped by a cut section of film (48). A cutting device (40) is arranged in front of the station (50) for wrapping and said cutting device separates the cut section of film (48) from a foil web (48) wound up on a roller (42). The cutting device (40) comprises a laser (45) which separates the cut foil (48) from the foil web (45). Furthermore, the invention discloses a package (2) which is wrapped in a cut foil (48) which was separated with a laser (45) from a foil web (41) pulled off a roll (42).

IPC 8 full level

B65B 21/24 (2006.01); **B65B 61/06** (2006.01)

CPC (source: EP)

B65B 11/10 (2013.01); **B65B 21/245** (2013.01); **B65B 53/02** (2013.01); **B65B 61/06** (2013.01); **B65D 71/08** (2013.01); **B65B 35/44** (2013.01); **B65B 41/12** (2013.01)

Citation (search report)

See references of WO 2009130071A1

Designated contracting state (EPC)

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008020299 A1 20091029; CN 102015462 A 20110413; EP 2265502 A1 20101229; WO 2009130071 A1 20091029

DOCDB simple family (application)

DE 102008020299 A 20080422; CN 200980114399 A 20090213; EP 09734096 A 20090213; EP 2009051705 W 20090213