Title (en)

DEVICE AND METHOD FOR WEIGHING AN OBJECT DURING TRANSPORTATION

Title (de)

VORRICHTUNG UND VERFAHREN ZUM WIEGEN EINES GEGENSTANDS WÄHREND DES TRANSPORTS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PESAGE D'UN OBJET PENDANT SON TRANSPORT

Publication

EP 2304395 A1 20110406 (DE)

Application

EP 09781247 A 20090729

Priority

- EP 2009059819 W 20090729
- DE 102008035300 A 20080729

Abstract (en)

[origin: WO2010012779A1] The invention relates to a device and method for weighing an obeject, in particular a flat item of mail, during transportation. A conveyer device with a continuous conveyer belt (15) and a corresponding conveyer belt (16) is capable of temporarily grasping an object (5, 7) in a clamping area and transporting it in a transporting direction (4). The scale (17) is capable of weighing an object (5, 7) while the object (5, 7) is grasped in the clamping area. The damping element (6) is configured to damp oscillations which an object (5, 7) which is grasped in the clamping area carries out. The damping element (6) has a surface which is curved in the transporting direction (4). The continuous conveyer belt (15) is made to extend around the curved surface in such a way the continuous conveyer belt (15) bears in a planar fashion against the curved surface in the damping area, and the continuous conveyer belt (15) and the corresponding conveyer element (16) are configured to direct an object (7) grasped in the clamping area past the curved surface.

IPC 8 full level

G01G 19/00 (2006.01); **B07C 5/18** (2006.01)

CPC (source: EP US)

B07C 5/165 (2013.01 - EP US); **G01G 19/002** (2013.01 - EP US)

Citation (search report)

See references of WO 2010012779A1

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008035300 A1 20100204; **DE 102008035300 B4 20100729**; EP 2304395 A1 20110406; US 2011192656 A1 20110811; US 8710380 B2 20140429; WO 2010012779 A1 20100204

DOCDB simple family (application)

DE 102008035300 A 20080729; EP 09781247 A 20090729; EP 2009059819 W 20090729; US 200913056670 A 20090729