

Title (en)

A SEMIAUTOMATIC LUGGAGE WRAPPER AND SAFE PROCESS OF WRAPPING OF THIS LATTER

Title (de)

HALBAUTOMATISCHER GEPÄCKUMWICKLER UND SICHERES VERFAHREN ZUR UMWICKLUNG DAVON

Title (fr)

ENVELOPPEUR DE BAGAGE SEMI-AUTOMATIQUE ET PROCÉDÉ SÛR D'EMBALLAGE ASSOCIÉ

Publication

**EP 2923956 A1 20150930 (EN)**

Application

**EP 15161199 A 20150326**

Priority

IT MI20140526 A 20140327

Abstract (en)

A luggage (100) wrapper (1) comprising a frame (2), a reel (3) of plastic material film, a support device (4) carrying the reel (3), and configured for releasing the plastic film by unwinding the reel (3), a platform (5) rotatably movable around an axis (Y) with respect to the frame, configured for abuttingly receiving an article of luggage (100) and rotating it around axis (Y): platform (5) rotation with plastic film release enables to cover the luggage (100) by the plastic film. The wrapper comprises an actuator (6) configured for enabling the rotation of platform (5), and a control unit (7) configured for commanding the actuator (6) to manage platform (5) rotation; control unit (7) is configured for sending a command signal to the actuator (6) and arranging this latter in an operative condition wherein it rotates platform (5), sending a blocking signal (6) for arranging this latter in a stop condition wherein it prevents the platform (5) from rotating, the wrapper (1) comprises a sensor (8) configured for monitoring a predetermined area at platform (5) and generating a safety signal indicating the presence or not of one or more persons and/or objects inside the predetermined area; the control unit (7) is configured for processing the signal and establishing the presence of a risk condition and being further configured for modifying the operative condition of the wrapper (1) as a function of the received safety signal.

IPC 8 full level

**B65B 57/00** (2006.01); **B65B 11/04** (2006.01)

CPC (source: EP US)

**B65B 11/045** (2013.01 - EP US); **B65B 57/005** (2013.01 - EP US); **B65B 57/12** (2013.01 - US); **B65B 57/18** (2013.01 - US)

Citation (search report)

- [YA] US 5365723 A 19941122 - RAMOS ENRIQUE A [US]
- [Y] FR 2948338 A1 20110128 - DEO WRAP SERVICE [FR]
- [A] EP 1717149 A1 20061102 - ATLANTA STRETCH S P A [IT]
- [A] WO 0228719 A1 20020411 - FLY SRL [IT], et al

Cited by

ES2759305A1; IT201600080784A1; CN113044270A; CN114476260A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2923956 A1 20150930**; US 2015274340 A1 20151001

DOCDB simple family (application)

**EP 15161199 A 20150326**; US 201514669550 A 20150326