

Title (en)

Packaging device and system for mostly flat objects, such as lithium-ion cells

Title (de)

Verpackungsvorrichtung und Verpackungssystem für im Wesentlichen flache Gegenstände, beispielsweise Lithium-Ionen-Zellen

Title (fr)

Dispositif d'emballage et système d'emballage pour des objets essentiellement plats, par exemple des cellules ions lithium

Publication

EP 2581321 A3 20130703 (DE)

Application

EP 13000065 A 20091023

Priority

- DE 102008052985 A 20081023
- EP 09013438 A 20091023

Abstract (en)

[origin: EP2179934A2] The device (10) has a base plate (14) with a straight side edge (42), and a covering plate (20) with a straight side edge (46) that is connected to the side edge of the base plate. The plates comprise respective cushion layers (16, 22) at a side that is turned towards an object (12), and a radio frequency identification transponder has a memory device. The cushion layers are designed, such that the object is held in a non-slip manner with respect to a lateral displacement, when the covering plate is in a closed position and a partial area of the object is arranged between the plates. An independent claim is also included for a packaging system comprising a retaining device for retaining a packaging device.

IPC 8 full level

B65D 25/10 (2006.01); **B65D 75/14** (2006.01); **B65D 75/22** (2006.01); **B65D 77/00** (2006.01); **B65D 77/22** (2006.01); **B65D 81/02** (2006.01); **B65D 81/03** (2006.01); **B65D 81/127** (2006.01); **B65D 81/38** (2006.01)

CPC (source: EP US)

B65D 25/10 (2013.01 - EP US); **B65D 75/14** (2013.01 - EP US); **B65D 75/225** (2013.01 - EP US); **B65D 77/006** (2013.01 - EP US); **B65D 77/22** (2013.01 - EP US); **B65D 81/025** (2013.01 - EP US); **B65D 81/03** (2013.01 - EP US); **B65D 81/1275** (2013.01 - EP US); **B65D 81/3858** (2013.01 - EP US); **B65D 81/3888** (2013.01 - EP US); **B65D 85/38** (2013.01 - EP US); **B65D 2213/02** (2013.01 - EP US); **B65D 2577/045** (2013.01 - EP US); **B65D 2585/88** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0586232 A2 19940309 - JASZAI ZOLTAN KAZMER [JP], et al
- [Y] US 4253892 A 19810303 - D ANGELO JOSEPH J, et al
- [Y] AU 556049 B2 19861023 - COMPACTA PTY LTD

Cited by

CN108750372A; CN108609279A

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

DOCDB simple family (publication)

EP 2179934 A2 20100428; **EP 2179934 A3 20100804**; **EP 2179934 B1 20130109**; DE 102008052985 A1 20100429; EP 2581321 A2 20130417; EP 2581321 A3 20130703; US 2010126891 A1 20100527; US 2013048526 A1 20130228; US 8322532 B2 20121204

DOCDB simple family (application)

EP 09013438 A 20091023; DE 102008052985 A 20081023; EP 13000065 A 20091023; US 201213662270 A 20121026; US 60455909 A 20091023