

Title (en)

DEVICE FOR OVERPACKING AT LEAST ONE OBJECT INTO A BATCH

Title (de)

VORRICHTUNG ZUR VERPACKUNG MINDESTENS EINES OBJEKTS IN EINEM BÜNDEL

Title (fr)

DISPOSITIF POUR SUREMBALLER EN LOT AU MOINS UN OBJET

Publication

EP 2099681 A1 20090916 (FR)

Application

EP 07872455 A 20071227

Priority

- FR 2007002181 W 20071227
- FR 0611534 A 20061229

Abstract (en)

[origin: FR2910879A1] The device has a carousel (1) provided with a receptacle (2), and three work stations distributed around the carousel. One of the work stations has distribution units (4) for distributing a material blank (3) toward the receptacle, where the other work station has loading units (5) for loading an object (6) in the receptacle. The third work station has unloading units (7) unloading a formed bulk package, and folding and closing units for folding and closing the material blank for forming an outer package, where the units (5, 7) comprise gripping units through aspiration.

IPC 8 full level

B65B 5/08 (2006.01)

CPC (source: EP US)

B65B 5/026 (2013.01 - EP US); **B65B 5/08** (2013.01 - EP US); **B65B 43/285** (2013.01 - EP US); **B65B 43/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2008099070A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2910879 A1 20080704; **FR 2910879 B1 20090403**; EP 2099681 A1 20090916; RU 2009125218 A 20110210; RU 2453482 C2 20120620; US 2010199599 A1 20100812; US 2010293891 A1 20101125; WO 2008099070 A1 20080821

DOCDB simple family (application)

FR 0611534 A 20061229; EP 07872455 A 20071227; FR 2007002181 W 20071227; RU 2009125218 A 20071227; US 45907009 A 20090626; US 52139807 A 20071227