

Title (en)

METHOD FOR PRODUCING CLUSTER PACKS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GEBINDEN

Title (fr)

PROCÉDÉ POUR RÉALISER DES LOTS DE PRODUITS

Publication

EP 3022118 A1 20160525 (DE)

Application

EP 14736374 A 20140703

Priority

- DE 102013107574 A 20130716
- EP 2014064169 W 20140703

Abstract (en)

[origin: WO2015007532A1] A method for producing cluster packs made up of containers, wherein compacted or assembled container groups are formed from a container stream in which the containers have a random orientation, for example, with respect to their container characteristics and/or features, by separating and bringing together a predefined number of containers and by bringing the containers together, and are then each connected to form a cluster pack.

IPC 8 full level

B65B 17/02 (2006.01); **B65D 21/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2015007532A1

Cited by

WO2023059930A1

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)

DE 102013107574 A1 20150122; BR 112016000159 B1 20210223; CN 105473448 A 20160406; CN 105473448 B 20180814; EP 3022118 A1 20160525; EP 3022118 B1 20180620; JP 2016523783 A 20160812; JP 6412124 B2 20181024; US 2016159506 A1 20160609; US 9617023 B2 20170411; WO 2015007532 A1 20150122

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DE 102013107574 A 20130716; BR 112016000159 A 20140703; CN 201480040626 A 20140703; EP 14736374 A 20140703; EP 2014064169 W 20140703; JP 2016526511 A 20140703; US 201414905126 A 20140703