Title (en)
METHOD AND DEVICE FOR ATTACHING A BOTTLECLIP

Title (de)
VERFAHREN ZUM ANBRINGEN EINES BOTTLECLIPS UND VERPACKUNGSVORRICHTUNG

Title (fr)
MÉTHODE ET DISPOSITIF POUR L'APPLICATION D'UN BOTTLECLIP

Publication
EP 3212508 A1 20170906 (DE)

Application
EP 15784702 A 20151023

Priority
• DE 102014222187 A 20141030
• EP 2015074625 W 20151023

Abstract (en)
[origin: WO2016066547A1] The invention relates to a method for combining and packaging a group of articles consisting of at least two articles, wherein at least one article comprises a bottle clip. The articles are moved in a continuous, at least single-row article stream on at least one transport means in a transport direction to a grouping device for dividing up the group of articles. The grouping device comprises at least one retaining means for separating off a defined number of articles forming the group of articles whilst creating a gap. The application of the bottle clip to at least one article takes place while a speed of the at least two articles is reduced at least at times and/or in some sections relative to a speed of the transport means for the articles in the region of the grouping device by the retaining means. The invention further relates to a packaging device for packaging a group of articles.

IPC 8 full level
B65B 17/02 (2006.01); **B65B 5/06** (2006.01); **B65B 21/06** (2006.01); **B65B 21/12** (2006.01); **B65B 21/24** (2006.01); **B65B 35/44** (2006.01); **B65B 61/14** (2006.01)

CPC (source: EP)
B65B 17/025 (2013.01); **B65B 21/06** (2013.01); **B65B 21/12** (2013.01); **B65B 21/242** (2013.01); **B65B 35/44** (2013.01); B65B 2220/16 (2013.01)

Citation (search report)
See references of WO 2016066547A1

Cited by
WO2022078789A1

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 102014222187 A1 20160504; CN 207015629 U 20180216; EP 3212508 A1 20170906; EP 3212508 B1 20200506; ES 2808120 T3 20210225; WO 2016066547 A1 20160506

DOCDB simple family (application)
DE 102014222187 A 20141030; CN 201590000817 U 20151023; EP 15784702 A 20151023; EP 2015074625 W 20151023; ES 15784702 T 20151023