Title (en)
  BOXING SYSTEM

Title (de)
  SCHACHTELSYSTEM

Title (fr)
  SYSTÈME DE MISE EN BOÎTE

Publication
  **EP 3118125 A1 20170118 (EN)**

Application
  **EP 15760967 A 20150130**

Priority
  • JP 2014047194 A 20140311
  • JP 2015052738 W 20150130

Abstract (en)
  A boxing system (100) is equipped with a first conveyor (10) and a second conveyor (20) that convey packages (O) at predetermined intervals in
  a conveyance area da, a robot (30) that simultaneously holds and transports a package group (G), and a control device (70). The control device
  (70) controls the robot (30) to cause it to accumulate the package groups (G) in a boxing area (aa). A first command generating component (72) of
  the control device (70) generates a first command to have the package group (G) directly transported from the conveyance area to the boxing area.
  A second command generating component (72) generates a second command to transport the package group (G) from the conveyance area to a
  temporary placement area (ta) different from the boxing area. A third command generating component (73) generates a third command to transport
  the package group (G) from the temporary placement area to the boxing area. A command component (75) causes the robot (30) to execute the first
  command, the second command, and the third command to accumulate the package groups (G) in the boxing area.

IPC 8 full level
  **B65B 5/06** (2006.01); **B65B 35/38** (2006.01)

CPC (source: EP US)
  **B65B 5/06** (2013.01 - US); **B65B 5/061** (2013.01 - EP US); **B65B 35/38** (2013.01 - EP US); **B65B 35/40** (2013.01 - EP US);
  **B65B 35/44** (2013.01 - EP US); **B65B 35/56** (2013.01 - EP US)

Cited by
  FR3087427A1; US12017866B2; WO2020025395A1; US11820541B2; WO2020079192A1

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 3118125 A1 20170118**; **EP 3118125 A4 20171129**; JP 2015168480 A 20150928; JP 6426354 B2 20181121; US 2017073097 A1 20170316;
  WO 2015137005 A1 20150917

DOCDB simple family (application)
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