

Title (en)

System for filling an open top box with packages

Title (de)

System zum Befüllen eines Kartons mit offener Oberseite mit Verpackungen

Title (fr)

Système de remplissage d'une boîte à sommet ouvert avec des paquets

Publication

**EP 2947018 B1 20161228 (EN)**

Application

**EP 14168890 A 20140519**

Priority

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Abstract (en)

[origin: EP2947018A1] According to an aspect, a system (102) is disclosed for filling an open top box (121) with triangular prism shaped packages (105 - 109) comprising a first (401), second (402) and third (403) face. The system further comprising an infeed conveyor belt (114) adapted to supply the packages towards a flipping platform (113). The system comprising also a flipping platform (113) adapted to be arranged in a first and second position. This platform supports a set of packages by its first face (401) and exposes its third face when in this first position and supports this set by its second face (402) and exposes its first face (401) when in this second position. The system further comprising a robotic arm (101) comprising engagement means (103) adapted to releasably pick the set (104) from the flipping platform by the third face when in the first position, and by the first face when in the second position.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN110062736A; CN111572868A; EP3849909A4; CN111717459A; JP2017218268A; JP2017218267A; WO2017213014A1; WO2017213015A1; EP3974331A1; DE102020125419A1

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