

Title (en)

SORTING DEVICE FOR PIECE GOODS

Title (de)

SORTIERVORRICHTUNG FÜR STÜCKGÜTER

Title (fr)

DISPOSITIF DE TRI DE MARCHANDISES AU DÉTAIL

Publication

**EP 3126270 A1 20170208 (DE)**

Application

**EP 15711449 A 20150312**

Priority

- DE 102014206016 A 20140331
- EP 2015055141 W 20150312

Abstract (en)

[origin: WO2015150040A1] The invention relates to a sorting device (1) for piece goods (16), comprising a plurality of sorting cart elements (3), which each have at least one sorting element (10) for receiving and dispensing the piece goods (16). According to the invention, in order to reduce the costs for the sorting device (1), the sorting device (1) has at least one connecting cart element (4), which is free of sorting elements (10), and the sorting cart elements (3) and the at least one connecting cart element (4) form a closed chain (15).

IPC 8 full level

**B65G 47/96** (2006.01); **B65G 17/34** (2006.01)

CPC (source: CN EP US)

**B65G 17/345** (2013.01 - CN EP US); **B65G 39/20** (2013.01 - US); **B65G 47/46** (2013.01 - CN); **B65G 47/96** (2013.01 - CN EP US); **B65G 2207/18** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2015150040A1

Citation (examination)

US 2005077144 A1 20050414 - BERKERS ANTONIUS JOHANNES HEND [NL], et al

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 102014206016 A1 20151001**; CN 106132848 A 20161116; EP 3126270 A1 20170208; US 2017101268 A1 20170413; WO 2015150040 A1 20151008

DOCDB simple family (application)

**DE 102014206016 A 20140331**; CN 201580018199 A 20150312; EP 15711449 A 20150312; EP 2015055141 W 20150312; US 201515129130 A 20150312