

Title (en)

METHOD AND DEVICE FOR CHANGING THE ALIGNMENT OF ARTICLES IN A CONVEYING FLOW

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÄNDERUNG DER AUSRICHTUNG VON ARTIKELN IN EINEM FÖRDERFLUSS

Title (fr)

PROCÉDÉ ET DISPOSITIF SERVANT À MODIFIER L'ORIENTATION D'ARTICLES DANS UN FLUX DE TRANSPORT

Publication

**EP 3280661 A1 20180214 (DE)**

Application

**EP 16715293 A 20160407**

Priority

- DE 102015105317 A 20150408
- EP 2016057667 W 20160407

Abstract (en)

[origin: WO2016162444A1] The invention relates to a method for changing the alignment of articles (P) in a conveying flow, wherein, by means of a rotary projection (10) projecting into the conveying path of a conveyor (3) of a material handling system, the alignment of the article (P) is achieved via the force of the conveying flow, and the conveying flow runs obliquely in front of the rotary projection (10) in relation to the direction thereof, in order to guarantee the contacting of the article (P) on the rotary projection (10), characterised in that the rotary projection (10) is configured such that it can move in a transverse manner in relation to the conveying flow (F), in such a way that the extension thereof into the conveying flow is variable, wherein the scale of the extension of the rotary projection (10) into the conveying flow is determined based on the respective article (P).

IPC 8 full level

**B65G 47/244** (2006.01)

CPC (source: EP US)

**B65G 43/08** (2013.01 - EP US); **B65G 47/244** (2013.01 - EP US); **B65G 2201/02** (2013.01 - US); **B65G 2203/0225** (2013.01 - US); **B65G 2203/041** (2013.01 - US); **B65G 2203/044** (2013.01 - US); **B65G 2811/0626** (2013.01 - US)

Citation (search report)

See references of WO 2016162444A1

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 102015105317 A1 20161013**; EP 3280661 A1 20180214; US 10513401 B2 20191224; US 2018072510 A1 20180315; WO 2016162444 A1 20161013

DOCDB simple family (application)

**DE 102015105317 A 20150408**; EP 16715293 A 20160407; EP 2016057667 W 20160407; US 201615564446 A 20160407