

Title (en)  
PICK-UP DEVICE FOR PICKING UP ARTICLES FROM THE TOBACCO PROCESSING INDUSTRY

Title (de)  
AUFNAHMEVORRICHTUNG ZUR AUFNAHME VON ARTIKELN DER TABAK VERARBEITENDEN INDUSTRIE

Title (fr)  
DISPOSITIF DE RÉCEPTION D'ARTICLES DE L'INDUSTRIE DE TRAITEMENT DU TABAC

Publication  
**EP 2921063 B1 20190501 (DE)**

Application  
**EP 15158488 A 20150310**

Priority  
DE 102014204701 A 20140313

Abstract (en)  
[origin: CN105029690A] A pick-up device for picking up articles from the tobacco processing industry for a conveying device for conveying articles having an object capable of moving along a conveying direction. The outer side face of the object is provided with at least one suction opening. The pick-up device is provided with at least one pick-up element having an outer side face and internal side face which are used for picking up at least one article, and the pick-up device is provided with at least one connection channel. The at least one pickup element is provided with a first type engaging mechanism and a second type engaging mechanism, the first type engaging mechanism is provided with a special shape, and the second type engaging mechanism is provided with a shape substantially complements the shape of the first type engaging mechanism. The first type engaging mechanism detachably engages with the second type engaging mechanism positioned on an adjacent pick-up element, and the second type engaging mechanism detachably engages with the first type engaging mechanism positioned on an adjacent pick-up element.

IPC 8 full level  
**A24C 5/32** (2006.01)

CPC (source: EP)  
**A24C 5/327** (2013.01)

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

DOCDB simple family (publication)  
**EP 2921063 A1 20150923; EP 2921063 B1 20190501**; CN 105029690 A 20151111; CN 105029690 B 20181012;  
DE 102014204701 A1 20150917; PL 2921063 T3 20191129

DOCDB simple family (application)  
**EP 15158488 A 20150310**; CN 201510189379 A 20150313; DE 102014204701 A 20140313; PL 15158488 T 20150310