

Title (en)  
PRODUCT DETECTION DEVICE

Title (de)  
PRODUKT-DETEKTIONS-VORRICHTUNG

Title (fr)  
DISPOSITIF DE DÉTECTION DE PRODUIT

Publication  
**EP 3577636 A1 20191211 (DE)**

Application  
**EP 18711217 A 20180202**

Priority  
• DE 102017102065 A 20170202  
• DE 102017109496 A 20170503  
• DE 2018100082 W 20180202

Abstract (en)  
[origin: WO2018141337A1] The invention relates to a product detection device (1) for detecting individual or a plurality of product characteristics relating to a respective product, comprising at least one of the detection rings (3) having image-capturing devices which are distributed around the periphery thereof for a 360° detection and which detect said product characteristics as the product passes by, a subsequent evaluation of these product characteristics being carried out such that a unique product identification can be made on the basis of the detected product characteristics.

IPC 8 full level  
**B41M 3/14** (2006.01); **G07F 7/06** (2006.01)

CPC (source: EP)  
**G07F 7/06** (2013.01); **G07F 7/0609** (2013.01); **G07G 1/0045** (2013.01); **B41M 3/144** (2013.01)

Citation (search report)  
See references of WO 2018141337A1

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 102017109496 A1 20180802**; **DE 102017109496 B4 20181108**; EP 3577636 A1 20191211; WO 2018141337 A1 20180809

DOCDB simple family (application)  
**DE 102017109496 A 20170503**; DE 2018100082 W 20180202; EP 18711217 A 20180202