

Title (en)

APPARATUS AND METHOD FOR CONTROLLING THE TRANSPORTATION AND THE HANDLING OF SHEET-LIKE PRODUCTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DES TRANSPORTS UND DER BEARBEITUNG FLÄCHIGER PRODUKTE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMANDE DU TRANSPORT ET DU TRAITEMENT DE PRODUITS PLATS

Publication

EP 2651798 B1 20150311 (DE)

Application

EP 11791523 A 20111130

Priority

- CH 20872010 A 20101215
- EP 2011071405 W 20111130

Abstract (en)

[origin: CA2821136A1] The invention proposes a method and an installation for monitoring and/or controlling at least one handling apparatus for handling a multiplicity of preferably sheet-like products, in particular printed products, each product being assigned a reference (4). The installation comprises a transporting apparatus for transporting the multiplicity of products at a distance apart from one another along a transporting direction to at least one handling apparatus, or past the same, at least one detecting apparatus (1, 1') at least for picking up references of the products and for communicating messages belonging to the references, and at least one processing unit (3) for processing the messages. In at least one delay device (5), a number of messages relating to references (4) from a plurality of products are combined to form a message group (6) and are communicated to the processing unit (3) via a communications medium (2) once a delay period (9) has elapsed.

IPC 8 full level

B65H 7/02 (2006.01); **B65H 3/00** (2006.01); **B65H 7/20** (2006.01); **B65H 9/12** (2006.01); **B65H 29/02** (2006.01)

CPC (source: EP US)

B65H 3/00 (2013.01 - US); **B65H 7/02** (2013.01 - US); **B65H 7/20** (2013.01 - US); **B65H 9/12** (2013.01 - EP US); **B65H 29/02** (2013.01 - EP US); **B65H 2511/40** (2013.01 - EP US); **B65H 2513/50** (2013.01 - EP US); **B65H 2557/12** (2013.01 - EP US)

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)

CH 704209 A1 20120615; AU 2011344488 A1 20130711; AU 2011344488 B2 20160121; CA 2821136 A1 20120621; EP 2651798 A1 20131023; EP 2651798 B1 20150311; US 2013264764 A1 20131010; US 8915493 B2 20141223; WO 2012079987 A1 20120621

DOCDB simple family (application)

CH 20872010 A 20101215; AU 2011344488 A 20111130; CA 2821136 A 20111130; EP 11791523 A 20111130; EP 2011071405 W 20111130; US 201113994591 A 20111130