

Title (en)

MONITORING DEVICE FOR CONTAINER PROCESSING SYSTEMS

Title (de)

ÜBERWACHUNGSVORRICHTUNG FÜR BEHÄLTNIS-BEHANDLUNGSANLAGEN

Title (fr)

DISPOSITIF DE SURVEILLANCE POUR INSTALLATIONS DE TRAITEMENT DE CONTENANTS

Publication

EP 2539272 A1 20130102 (DE)

Application

EP 11703676 A 20110215

Priority

- DE 102010009137 A 20100223
- EP 2011052174 W 20110215

Abstract (en)

[origin: WO2011104137A1] The invention relates to a device (1) for processing containers, having a plurality of processing units (2, 4) for processing the containers, wherein said processing units (2, 4, 6) comprise at least one filling device (2) for filling the containers (10) with a free-flowing medium, a closing device (4) disposed downstream in a transport direction of the containers (10) for closing the filled containers (10) using closures, and a labeling device (6) for labeling the containers (10), and having a transport device for transporting the containers. According to the invention, the device (1) comprises at least one information output device (12) designed for outputting information (11, 12, 13) about the occurrence of faults of the device (1), wherein the information output device (12) comprises at least one first information output element (511...533) outputting a first information (11) about a particular fault, such that the first information (11) can be perceived in a first area (B1), and a second information output element (51, 52, 53) outputting a second information (12) about the same particular fault, such that the second information (12) can be perceived in a second area (B2), wherein the first area (B1) and the second area (B2) are at least partially different.

IPC 8 full level

B67B 3/26 (2006.01); **B65B 3/26** (2006.01); **B65C 9/40** (2006.01); **B67C 3/00** (2006.01)

CPC (source: EP US)

B65C 9/40 (2013.01 - EP US); **B67B 3/26** (2013.01 - EP US); **B67C 3/007** (2013.01 - EP US)

Citation (search report)

See references of WO 2011104137A1

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)

DE 102010009137 A1 20110825; CN 102781813 A 20121114; CN 102781813 B 20160127; EP 2539272 A1 20130102; EP 2539272 B1 20150211; US 2012311962 A1 20121213; US 2021394947 A1 20211223; WO 2011104137 A1 20110901

DOCDB simple family (application)

DE 102010009137 A 20110223; CN 201180010816 A 20110215; EP 11703676 A 20110215; EP 2011052174 W 20110215; US 201113580285 A 20110215; US 202117391944 A 20210802