Title (en)

METHOD AND DEVICE FOR TRACKING A PRODUCT PROCESSING LINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERFOLGEN EINER PRODUKTVERARBEITUNGSLINIE

Title (fr)

MÉTHODE ET DISPOSITIF DE SUIVI DE LIGNE DE TRAITEMENT DE PRODUITS

Publication

EP 3213301 A4 20180530 (FR)

Application

EP 14905029 A 20141030

Priority

IB 2014002273 W 20141030

Abstract (en)

[origin: WO2016067068A1] A method for the real-time tracking of a processing line (1) comprising a series of product processing stations (2), and a plurality of accumulators (3) between said stations (2), said method comprising monitoring, in real time, the operation of the processing line (1), and reporting on said operation on a display means (5). The method is characterised by a step essentially consisting of calculating a duration for a processing station (2), said duration being calculated additively from the accumulation time (TA) represented by the instantaneous state of the accumulator (3) or of each accumulator (3) present between said station (2) and another predefined station (2) of the processing line (1), referred to as the reference station (4), and by a step essentially consisting of displaying said duration on a display means (5). The invention also concerns a suitable device. It is applicable, in particular, to multi-station bottle and flask packaging lines.

IPC 8 full level

G07C 3/00 (2006.01); **G07C 3/12** (2006.01)

CPC (source: EP US)

G07C 3/10 (2013.01 - US); **G07C 3/12** (2013.01 - EP US)

Citation (search report)

- [XI] US 7379782 B1 20080527 - COCCO DENNIS P [CA]
- [A] US 5706200 A 19980106 - KUMAR PANGANAMALA RAMANA [US], et al
- See also references of WO 2016067068A1

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)

WO 2016067068 A1 20160506; BR 112017008895 A2 20171219; BR 112017008895 B1 20220524; CA 2965877 A1 20160506; CA 2965877 C 20230704; CN 107004308 A 20170801; CN 107004308 B 20201211; EP 3213301 A1 20170906; EP 3213301 A4 20180530; MX 2017005693 A 20171128; US 2017323491 A1 20171109

DOCDB simple family (application)

IB 2014002273 W 20141030; BR 112017008895 A 20141030; CA 2965877 A 20141030; CN 201480083752 A 20141030; EP 14905029 A 20141030; MX 2017005693 A 20141030; US 201415522964 A 20141030