

Title (en)

Predictive maintenance system and method for a filling machine

Title (de)

Prädiktives Wartungssystem und -verfahren für eine Füllmaschine

Title (fr)

Système et procédé de maintenance prédictif pour une machine de remplissage

Publication

EP 2808291 A1 20141203 (EN)

Application

EP 13170186 A 20130531

Priority

EP 13170186 A 20130531

Abstract (en)

An automated system (20) for predictive maintenance of a filling machine (1), having a number of filling units (10) designed to engage at least one respective container (2) to carry out filling thereof with a filling product. A control module (25), operatively coupled to the filling machine (1), acquires operating data relating to the performance of the filling units (10) during the filling operations; and process the acquired operating data to predict the occurrence of a fault in one or more of the filling units (10).

IPC 8 full level

B67C 3/00 (2006.01)

CPC (source: EP)

B67C 3/007 (2013.01)

Citation (search report)

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- [XY] US 4691496 A 19870908 - ANDERSON F ALLAN [US], et al
- [X] DE 102011017448 A1 20121018 - KRONES AG [DE]
- [A] EP 2508468 A2 20121010 - KRONES AG [DE]

Cited by

EP3378828A1; EP4212858A1; JP2020189667A

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)

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DOCDB simple family (application)

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