

Title (en)

Predictive maintenance system for a filling machine

Title (de)

Prädiktives Wartungssystem für eine Füllmaschine

Title (fr)

Système de maintenance prédictif pour une machine de remplissage

Publication

**EP 2808292 A1 20141203 (EN)**

Application

**EP 14001721 A 20140515**

Previously filed application

13170186 20130531 EP

Priority

- EP 13170186 A 20130531
- EP 14001721 A 20140515

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)

- [XY] US 2007107801 A1 20070517 - COCHRAN DON W [US], et al
- [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

EP3984942B1

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)

**EP 2808291 A1 20141203**; EP 2808292 A1 20141203; EP 2808292 B1 20151209

DOCDB simple family (application)

**EP 13170186 A 20130531**; EP 14001721 A 20140515