

Title (en)

CONTAINER FILLING MACHINE, HAVING IMPROVED DATA COMMUNICATION AND STORING CAPABILITY

Title (de)

BEHÄLTERFÜLLMASCHINE MIT VERBESSERTER DATENÜBERTRAGUNG UND SPEICHERFÄHIGKEIT

Title (fr)

MACHINE DE REMPLISSAGE DE RÉCIPIENT AYANT UNE MEILLEURE CAPACITÉ DE STOCKAGE ET DE COMMUNICATION DE DONNÉES

Publication

EP 3378828 A1 20180926 (EN)

Application

EP 17305338 A 20170324

Priority

EP 17305338 A 20170324

Abstract (en)

A filling machine (1) has: a number of filling units (10) designed to engage at least one container (2) to carry out filling thereof with a filling product, each filling unit (10) provided with a respective decentralized control unit (12) configured to control filling operations thereof; a central control unit (20) to control execution of the processing operations by the filling units (10); and a digital data communication bus (16), communicatively coupling the decentralized control units (12) of the filling units (10) to the central control unit (20), to carry control signals from the central control unit (20) to the filling units (10) and feedback detection signals from the filling units (10) to the central control unit (20). The central control unit (20) is provided with a buffer memory (30), to store, for each filling unit (10) a buffer (31) of detection data associated to the feedback detection signals during the filling operations.

IPC 8 full level

B67C 3/00 (2006.01)

CPC (source: EP)

B67C 3/007 (2013.01)

Citation (search report)

- [X] EP 2808291 A1 20141203 - SIDEL SPA CON SOCIO UNICO [IT]
- [X] EP 2803623 A1 20141119 - SIDEL SPA CON SOCIO UNICO [IT]
- [X] WO 02068266 A1 20020906 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al
- [A] US 2007107801 A1 20070517 - COCHRAN DON W [US], et al

Cited by

US11952253B2; EP4105163A1; US2022396463A1; CN115477268A

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

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