

Title (en)

COMMUNICATIONS AND OPEN-LOOP/CLOSED-LOOP CONTROL SYSTEM FOR A FILLING SYSTEM

Title (de)

KOMMUNIKATIONS- UND STEUERUNGS-/REGELUNGSSYSTEM FÜR EINE ABFÜLLANLAGE

Title (fr)

SYSTÈME DE COMMUNICATION ET DE COMMANDE/RÉGLAGE POUR UNE INSTALLATION DE REMPLISSAGE

Publication

EP 3827318 A1 20210602 (DE)

Application

EP 19727980 A 20190524

Priority

- DE 102018212503 A 20180726
- EP 2019063525 W 20190524

Abstract (en)

[origin: WO2020020515A1] The invention relates to a communications and open-loop/closed-loop control system for at least one filling system, wherein the filling system comprises a machine having a software communications robot, in particular a chatbot, which is designed to detect a speech input and/or text input by an operator, and having an open-loop/closed-loop control unit which is connected to the software communications robot for data communication and which is designed to control the machine of the filling system in an open-loop and/or closed-loop manner according to the speech input and/or text input detected by the software communications robot.

IPC 8 full level

G05B 19/409 (2006.01); **G05B 19/418** (2006.01)

CPC (source: EP US)

B65B 57/00 (2013.01 - US); **G05B 13/027** (2013.01 - US); **G05B 19/409** (2013.01 - EP); **G05B 19/418** (2013.01 - EP);
G05B 2219/24168 (2013.01 - EP); **Y02P 90/02** (2015.11 - EP)

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)

WO 2020020515 A1 20200130; BR 112021001129 A2 20210420; CN 112771459 A 20210507; DE 102018212503 A1 20200130;
EP 3827318 A1 20210602; JP 2021532467 A 20211125; JP 7476469 B2 20240501; US 11772836 B2 20231003; US 2021292025 A1 20210923

DOCDB simple family (application)

EP 2019063525 W 20190524; BR 112021001129 A 20190524; CN 201980063303 A 20190524; DE 102018212503 A 20180726;
EP 19727980 A 20190524; JP 2021502974 A 20190524; US 201917262188 A 20190524