

Title (en)

DISPENSING CONTROL SYSTEM, METHOD OF CONTROLLING A DISPENSING DEVICE AND COMPUTER PROGRAM BACKGROUND

Title (de)

AUSGABESTEuerungSSYSTEM, VERFAHREN ZUR STEUERUNG EINER AUSGABEVORRICHTUNG UND
COMPUTERPROGRAMMHINTERGRUND

Title (fr)

SYSTÈME DE COMMANDE DE DISTRIBUTION, PROCÉDÉ DE COMMANDE D'UN DISPOSITIF DE DISTRIBUTION ET ARRIÈRE-PLAN DE
PROGRAMME D'ORDINATEUR

Publication

EP 3782161 A1 20210224 (EN)

Application

EP 19735285 A 20190628

Priority

- US 201816023827 A 20180629
- EP 18194794 A 20180917
- EP 2019067321 W 20190628

Abstract (en)

[origin: WO2020002596A1] A dispensing control system includes a dispensing device and a remote device. The dispensing device includes a dispenser configured to dispense material from a cartridge disposed in the dispensing device, a first receiver configured to receive information related to the cartridge, a transmitter configured to transmit the information related to the cartridge, and an electronic controller configured to cause the transmitter of the dispensing device to transmit the information related to the cartridge. The remote device includes an electronic controller, a receiver and a transmitter, the receiver of the remote device is configured to receive the information related to the cartridge, the controller of the remote device is configured to monitor the information related to the cartridge and to cause the transmitter of the remote device to transmit the information related to the cartridge to a remote server.

IPC 8 full level

G16H 20/13 (2018.01); **A61C 5/62** (2017.01); **A61C 5/64** (2017.01); **A61C 5/66** (2017.01); **B05C 17/00** (2006.01); **G01F 11/02** (2006.01);
G16H 40/63 (2018.01); **G16H 40/67** (2018.01)

CPC (source: EP KR)

A61C 5/64 (2017.02 - KR); **A61C 9/0026** (2013.01 - KR); **B05C 17/00553** (2013.01 - EP KR); **B05C 17/00596** (2013.01 - EP KR);
B05C 17/0103 (2013.01 - EP KR); **G16H 20/13** (2018.01 - EP); **G16H 40/63** (2018.01 - EP KR); **G16H 40/67** (2018.01 - EP KR);
A61C 5/64 (2017.02 - EP); **A61C 9/0026** (2013.01 - EP); **A61C 2204/005** (2013.01 - EP KR)

Cited by

US11961373B2

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 2020002596 A1 20200102; BR 112020025252 A2 20210309; BR 112020025252 A8 20230321; CN 112334988 A 20210205;
EP 3782161 A1 20210224; JP 2021529390 A 20211028; JP 7451434 B2 20240318; KR 102635326 B1 20240208; KR 20210023998 A 20210304

DOCDB simple family (application)

EP 2019067321 W 20190628; BR 112020025252 A 20190628; CN 201980043510 A 20190628; EP 19735285 A 20190628;
JP 2020572681 A 20190628; KR 20217001235 A 20190628