

Title (en)

INTELLIGENT SERVICE ROBOT AND RELATED SYSTEMS AND METHODS

Title (de)

INTELLIGENTER DIENSTROBOTER SOWIE ZUGEHÖRIGE SYSTEME UND VERFAHREN

Title (fr)

ROBOT DE SERVICE INTELLIGENT ET SYSTÈMES ET PROCÉDÉS ASSOCIÉS

Publication

EP 3549045 A4 20200422 (EN)

Application

EP 17878094 A 20171205

Priority

- US 201615369812 A 20161205
- US 2017064753 W 20171205

Abstract (en)

[origin: WO2018106719A1] A robot for providing intelligent service within a facility includes a locomotion platform, an upper sensor for detecting objects within an upper field of view of the robot, a lower sensor for detecting objects within a lower field of view of the robot, a display and a robot computer in communication with the locomotion platform, the upper sensor and the lower sensor. The robot computer is configured to inventory products within the commercial facility and provide inventory discrepancy data to a user at a computing station.

IPC 8 full level

G06Q 10/08 (2012.01)

CPC (source: EP)

B25J 11/0005 (2013.01); **B25J 11/008** (2013.01); **G05D 1/0038** (2024.01); **G05D 1/0248** (2024.01); **G06Q 10/08** (2013.01); **G06Q 10/087** (2013.01)

Citation (search report)

- [X] US 2016114488 A1 20160428 - MASCORRO MEDINA MARCO O [US], et al
- See references of WO 2018106719A1

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

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WO 2018106719 A1 20180614; CN 110352116 A 20191018; EP 3549045 A1 20191009; EP 3549045 A4 20200422; JP 2020502649 A 20200123

DOCDB simple family (application)

US 2017064753 W 20171205; CN 201780075073 A 20171205; EP 17878094 A 20171205; JP 2019530044 A 20171205