

Title (en)

METHOD AND SYSTEM FOR DETERMINING THE LOCATION OF SHELF-EDGE EQUIPMENT

Title (de)

VERFAHREN UND SYSTEM ZUR ORTSBESTIMMUNG VON REGALSCHIENEN-EQUIPMENT

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION DE L'EMPLACEMENT D'UN ÉQUIPEMENT DE BORD D'ÉTAGÈRE

Publication

EP 4335122 A1 20240313 (DE)

Application

EP 21724256 A 20210505

Priority

EP 2021061909 W 20210505

Abstract (en)

[origin: WO2022233410A1] The invention relates to a method for locating shelf-edge equipment of unknown location and which is positioned on a shelf edge, the method comprising the following method steps: automatically determining a location of the shelf-edge equipment in a plane by means of radio communication between the shelf-edge equipment and radio devices of known location, and automatically supplementing the location in the plane with a third coordinate for the purpose of defining the location of the shelf-edge equipment in space by using supplementary data, the supplementary data representing the third coordinate and being related to the shelf-edge equipment.

IPC 8 full level

H04W 4/029 (2018.01); **G01S 5/02** (2010.01)

CPC (source: EP KR)

G01S 5/02 (2013.01 - EP); **G01S 5/10** (2013.01 - KR); **G06T 7/20** (2013.01 - KR); **H04W 4/023** (2013.01 - KR); **H04W 4/029** (2018.02 - EP KR)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022233410 A1 20221110; AU 2021444143 A1 20231109; CA 3215297 A1 20221110; CN 117256160 A 20231219; EP 4335122 A1 20240313; JP 2024519676 A 20240521; KR 20240004953 A 20240111; MX 2023012710 A 20231106

DOCDB simple family (application)

EP 2021061909 W 20210505; AU 2021444143 A 20210505; CA 3215297 A 20210505; CN 202180097813 A 20210505; EP 21724256 A 20210505; JP 2023564488 A 20210505; KR 20237041822 A 20210505; MX 2023012710 A 20210505