

Title (en)

MATERIAL MANAGEMENT METHOD AND APPARATUS, COMPUTER DEVICE, AND STORAGE MEDIUM

Title (de)

MATERIALVERWALTUNGSVERFAHREN UND -VORRICHTUNG, COMPUTERVORRICHTUNG UND SPEICHERMEDIUM

Title (fr)

PROCÉDÉ ET APPAREIL DE GESTION DES MATIÈRES, DISPOSITIF INFORMATIQUE ET SUPPORT DE STOCKAGE

Publication

EP 4394675 A4 20240717 (EN)

Application

EP 23733195 A 20230313

Priority

- CN 202211386717 A 20221107
- CN 2023081127 W 20230313

Abstract (en)

[origin: US2024152115A1] A material management method applied to a battery production line includes controlling, after a plurality of battery cells placed on a plurality of stations reach designated code scanning positions, a plurality of blocking devices to work in a first working state according to a predetermined sequence, thereby blocking identifications of the battery cells on the corresponding stations, acquiring code scanning results of a plurality of code scanning devices corresponding to the blocking devices for the identifications, respectively, when the blocking devices work in the first working state, and determining, according to the code scanning results, whether a binding relationship between the code scanning devices and the stations is abnormal.

IPC 8 full level

G06Q 10/08 (2024.01); **G06K 17/00** (2006.01); **G06Q 10/10** (2023.01)

CPC (source: EP US)

G05B 19/4155 (2013.01 - US); **G06K 7/1413** (2013.01 - EP US); **G06K 7/1417** (2013.01 - EP US); **G06K 17/00** (2013.01 - EP); **G06Q 10/08** (2013.01 - EP); **G06Q 30/018** (2013.01 - EP); **G06Q 50/04** (2013.01 - EP); **G05B 2219/32082** (2013.01 - US)

Citation (search report)

- [A] CN 213069837 U 20210427 - WUHAN DAYAN SOFTWARE CO LTD
- [A] CN 215100508 U 20211210 - DONGGUAN WEISHENG AUTOMATION EQUIPMENT CO LTD
- See also references of WO 2024098608A1

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

US 202318346818 A 20230704; EP 23733195 A 20230313