

Title (en)

PRODUCT TRANSFER SYSTEM FOR A MULTILEVEL BUILDING

Title (de)

PRODUKT-TRANSFERSYSTEM FÜR EIN MEHRSTÖCKIGES GEBÄUDE

Title (fr)

SYSTÈME DE TRANSFERT DE PRODUIT DESTINÉ À UN IMMEUBLE À PLUSIEURS ÉTAGES

Publication

**EP 3980951 A1 20220413 (DE)**

Application

**EP 20730239 A 20200602**

Priority

- DE 102019003946 A 20190606
- DE 102019005519 A 20190806
- EP 2020065161 W 20200602

Abstract (en)

[origin: WO2020245096A1] The invention relates to a product transfer system for a multilevel building, which enables the temporary interim storage of packaged products (11), in particular foods (12), having at least two interim storage devices (10), each containing a closable housing (14), which has a storage space (16) for the products (11), divided into one or more storage space segments (24), further containing at least one opening and closing device (18), which is designed to open and re-close one or more parts of the storage space (16) for access from the outside, further containing control logic (22) having interfaces for actuating the one or more opening and closing devices (18), further containing a temperature control device (20) having thermally insulating walls, wherein the interim storage devices (10) are installed in the outer wall (60) of a building and wherein an exterior and an interior opening and closing device (18) are present, wherein the at least two interim storage devices (10) form a composite, and an elevator system having a transfer device (70) is attached before the interim storage devices (10), via which elevator system the respective interim storage devices (10) can be loaded and unloaded.

IPC 8 full level

**G06Q 10/08** (2012.01); **A47G 29/14** (2006.01); **B65G 1/06** (2006.01); **B65G 1/137** (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP)

**A47G 29/141** (2013.01); **A47G 29/20** (2013.01); **B66B 11/006** (2013.01); **G06Q 10/087** (2013.01); **A47G 2029/147** (2013.01); **A47G 2029/149** (2013.01); **B65G 1/06** (2013.01); **B65G 1/137** (2013.01)

Citation (search report)

See references of WO 2020245096A1

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 2020245096 A1 20201210**; EP 3980951 A1 20220413

DOCDB simple family (application)

**EP 2020065161 W 20200602**; EP 20730239 A 20200602