

Title (en)

SELF PROPELLED ADAPTOR UNIT AND SYSTEM FOR INTRALOGISTICS COMPRISING AN ADAPTOR

Title (de)

SELBSTANGETRIEBENE ADAPTEREINHEIT UND SYSTEM FÜR INTRALOGISTIK MIT EINEM ADAPTER

Title (fr)

UNITÉ D'ADAPTATEUR AUTOPROPULSÉE ET SYSTÈME D'INTRALOGISTIQUE COMPRENANT UN ADAPTATEUR

Publication

**EP 4244174 A1 20230920 (EN)**

Application

**EP 23704463 A 20230202**

Priority

- SE 2250112 A 20220204
- SE 2023050088 W 20230202

Abstract (en)

[origin: WO2023149833A1] A self-propelled adaptor unit (200) for use in an intralogistics system comprises a motor, and at least one drive wheel connected to the motor for propelling the self-propelled adaptor unit. The self-propelled adaptor unit further comprises a first mechanical connection (280) configured to connect to a mechanical connection (380) of a load bearing unit (300), and a second mechanical connection (270) configured to connect to a mechanical connection (170) of a self-propelled autonomous or remote-controlled guide unit (100). The self-propelled adaptor unit further comprises a sensor to generate data related to movement of the drive wheel and a computer connected to the motor and the at least one drive wheel, the computer comprises a receiver for receiving instructions from a self-propelled autonomous or remote-controlled guide unit for controlling the motor. The self-propelled adaptor unit is configured to push or pull the load bearing unit in a substantially horizontal direction and/or lift the load bearing unit up or down. Further disclosed is a system comprising said adaptor unit, said load bearing unit and said self-propelled autonomous or remote-controlled guide unit..

IPC 8 full level

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