

Title (en)

METHOD FOR OPERATING A TRANSPORT SYSTEM AND CORRESPONDING TRANSPORT SYSTEM

Title (de)

VERFAHREN ZUM BETREIBEN EINER TRANSPORTANLAGE SOWIE ENTSPRECHENDE TRANSPORTANLAGE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN SYSTÈME DE TRANSPORT ET SYSTÈME DE TRANSPORT CORRESPONDANT

Publication

EP 3206982 B1 20220720 (DE)

Application

EP 15775468 A 20151009

Priority

- DE 102014220966 A 20141016
- EP 2015073409 W 20151009

Abstract (en)

[origin: WO2016058940A1] The invention relates to a method for controlling a transport system (1) and a transport system (1) of this type comprising at least two conveyor sections (2, 3) and at least three cars (11, 12, 13, 14, 15, 16) that are moved individually in the cyclical operation, wherein, starting from a first start position, every car passes through a first conveyor section (2) and subsequently a second conveyor section (3) back to the first start position, wherein at least one stop is provided at least along a conveyor section (2, 3), and one or more consecutive stops are assigned to a respective block (21, 22, 23), and wherein the travelling of the cars is controlled in such a way that the cars approach a respective predetermined block one at a time, and an equal cycle time (T) is specified for every car to pass through the first and the second conveyor section.

IPC 8 full level

B66B 1/24 (2006.01)

CPC (source: CN EP KR US)

B66B 1/2466 (2013.01 - US); **B66B 1/2491** (2013.01 - CN EP KR US); **B66B 2201/243** (2013.01 - CN EP KR US);
B66B 2201/401 (2013.01 - CN EP KR US)

Citation (examination)

- JP H08282926 A 19961029 - HITACHI LTD, et al
- JP H06271214 A 19940927 - HITACHI LTD

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

DOCDB simple family (publication)

DE 102014220966 A1 20160421; CN 107074482 A 20170818; CN 107074482 B 20200515; EP 3206982 A1 20170823;
EP 3206982 B1 20220720; KR 20170068483 A 20170619; US 10703603 B2 20200707; US 2017233218 A1 20170817;
WO 2016058940 A1 20160421

DOCDB simple family (application)

DE 102014220966 A 20141016; CN 201580055920 A 20151009; EP 15775468 A 20151009; EP 2015073409 W 20151009;
KR 20177010299 A 20151009; US 201515518986 A 20151009