

Title (en)  
TRANSPORT DEVICE

Title (de)  
TRANSPORTEINRICHTUNG

Title (fr)  
DISPOSITIF DE TRANSPORT

Publication  
**EP 4066364 A1 20221005 (DE)**

Application  
**EP 20815758 A 20201125**

Priority  

- AT 510342019 A 20191127
- EP 2020083290 W 20201125

Abstract (en)  
[origin: WO2021105165A1] The aim of the invention is to provide a transport device (1) in the form of an asymmetrically designed planar motor which facilitates a more efficient operation. According to the invention, this is achieved in that at least one transport segment (2) is oriented relative to a movement path which is predefined for the transport unit and runs between a defined starting point and a defined end point such that the movement path lies on the transport plane (3) in such a manner that a first movement path component of the first main movement direction (H1) along the length of the movement path is greater than or equal to a second movement path component of the second main movement direction (H2) along the length of the movement path.

IPC 8 full level  
**H02K 41/03** (2006.01); **H02K 1/14** (2006.01)

CPC (source: EP US)  
**H02K 41/031** (2013.01 - EP US); **H02P 25/064** (2016.02 - US); **H02K 1/14** (2013.01 - EP); **H02K 2201/18** (2013.01 - EP US);  
**H02K 2213/03** (2013.01 - EP)

Citation (search report)  
See references of WO 2021105165A1

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 2021105165 A1 20210603**; CN 114731105 A 20220708; CN 114747125 A 20220712; EP 4066364 A1 20221005; EP 4066365 A1 20221005;  
JP 2023504039 A 20230201; JP 2023508259 A 20230302; US 2023006529 A1 20230105; US 2023026030 A1 20230126;  
WO 2021105166 A1 20210603

DOCDB simple family (application)  
**EP 2020083290 W 20201125**; CN 202080082637 A 20201125; CN 202080082638 A 20201125; EP 2020083291 W 20201125;  
EP 20815758 A 20201125; EP 20815759 A 20201125; JP 2022530878 A 20201125; JP 2022530880 A 20201125;  
US 202017780425 A 20201125; US 202017780431 A 20201125