

Title (en)  
Transport system including a drive unit

Title (de)  
Transportsystem mit Antriebseinheit

Title (fr)  
Système de transport avec une unité d'entraînement

Publication  
**EP 2039336 A2 20090325 (EN)**

Application  
**EP 08163745 A 20080905**

Priority  
• DK PA200701276 A 20070906  
• DK PA200800478 A 20080401

Abstract (en)  
The present invention concerns a transport system including at least one drive unit and at least one, preferably a plurality of transporting units, and a drive unit with motor for use in connection with transporting units with one or more freely movable wheels, where the drive unit has at least one drive wheel. The drive unit and the transport unit are provided with a corresponding coupling system, and where the at least one drive wheel of the drive unit is disposed at one end of the transport unit during coupling, and where the coupling system includes one or more lifting mechanisms. By using lifting means for lifting one or more of the wheels of the transport unit from the base and to a height above the base, there is achieved the advantage that manual precautions regarding the wheels not being locked in a straight running position is not to be performed. The wheels are, so to say, made superfluous, as the wheels of the drive unit replace them during transport.

IPC 8 full level  
**A61G 7/08** (2006.01); **B66F 5/00** (2006.01)

CPC (source: EP)  
**A61G 7/08** (2013.01); **B66F 5/00** (2013.01)

Citation (applicant)  
• US 2002084116 A1 20020704 - RUSCHKE JEFFREY A [US], et al  
• US 3876024 A 19750408 - SHIEMAN BRYAN M, et al

Cited by  
FR3093917A1; CN113597294A; CN110177533A; KR20190103338A; US2014299826A1; EP2766295A4; US9919906B2; AU2012269742B2; FR3093918A1; CN113925715A; WO2013053005A1; US9913771B2; WO2020187515A1; WO2018130315A1; US11426317B2; WO2012171079A1; WO2020187499A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2039336 A2 20090325; EP 2039336 A3 20090603**; DE 202008017929 U1 20110224; DK 201000173 U3 20101126

DOCDB simple family (application)  
**EP 08163745 A 20080905**; DE 202008017929 U 20080905; DK BA201000173 U 20100914