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(54) Transport system including a drive unit

(57) 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 ore 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.

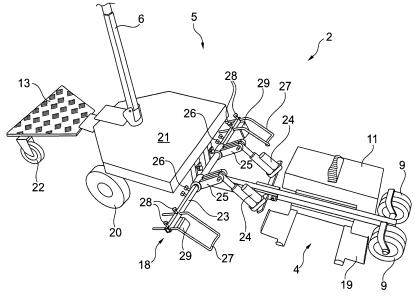


Fig. 1

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| | Citation of document with in | dication, where appropriate, | Relevant | CLASSIFICATION OF THE |
|---------|--|--|--------------------|------------------------------------|
| ategory | of relevant passa | , , , , | to claim | APPLICATION (IPC) |
| | EP 0 765 837 A (REI | NIGING EN RESTSTOFFEN | $ _{1-5,7,8}$ | INV. |
| | BEDRI [NL]) 2 April | | | A61G7/08 |
| | * column 4, line 10 * figures 1-7 * | - line 53 * | 6,9 | B66F5/00 |
| | rigures 1-7 | | | |
| | CA 2 508 394 A1 (ERGOTECH INC [US]) | | 1-5,7,8 | |
| | 25 November 2005 (2 * page 7, line 18 - | | | |
| | * page 14, line 4 - | line 12 * | | |
| | * page 16, line 3 - | | | |
| | * figures 1-8 * | | | |
| , | WO 2006/059200 A (B | 6 | | |
| | KOFOED HENRIK NOEHR ILSTED [D) 8 June 2 | | | |
| | * page 4, line 21 - | line 29 * | | |
| | * page 12, line 5 - | | | |
| | * figures 16a,16b * | | | |
| | CA 2 498 302 A1 (KALBFLEISCH CHRIS [CA]; ALLEN TYLER [CA]) 18 August 2006 (2006-08-18) | | 9 | TEQUALS : ETT 25 |
| | | | | TECHNICAL FIELDS SEARCHED (IPC) |
| | * figure 1 * | | A61G | |
| | FP 1 568 581 A (VED | MOP SALMON GMBH [DE]) | 6,9 | B62B |
| ١ | 31 August 2005 (200 | 0,5 | | |
| | * paragraph [0015] | * - paragraph [0027] * | | |
| | | - paragraph [0027] * | | |
| | * figures 2,4 * | | | |
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| | The present search report has I | Deen drawn up for all claims Date of completion of the search | 1, | Examiner |
| | The Hague | 24 April 2009 | On | g, Hong Djien |
| C | ATEGORY OF CITED DOCUMENTS | T: theory or princip | | <u> </u> |
| | icularly relevant if taken alone | E : earlier patent de after the filing de | ocument, but pub | |
| | icularly relevant if combined with anotl | | in the application | 1 |
| docu | ment of the same category | L . document cited | ioi otilei reasons | |

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 08 16 3745

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

24-04-2009

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|---|-------|------------------|----------------------------------|---|---------------------|--|
| EP 0765837 | A | 02-04-1997 | DE DE DK NL | 69623089 69623089 765837 1001294 | T2 T3 | 26-09-200 08-05-200 23-12-200 28-03-199 |
| CA 2508394 | A1 | 25-11-2005 | NONE | : | | |
| WO 2006059200 | Α | 08-06-2006 | CA CN EP JP US | 2589811 101090699 1824435 2008521704 2009001740 | A A2 T | 08-06-200 19-12-200 29-08-200 26-06-200 01-01-200 |
| CA 2498302 | A1 | 18-08-2006 | NONE | : | | |
| EP 1568581 | A | 31-08-2005 | AT DK WO ES PT US | 334035 1568581 2005080170 2268509 1568581 2007289788 | T3 A2 T3 E | 15-08-200 13-11-200 01-09-200 16-03-200 30-11-200 20-12-200 |
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