



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.12.2007 Bulletin 2007/52

(51) Int Cl.:
B61C 9/48 (2006.01)

(43) Date of publication A2:
19.12.2007 Bulletin 2007/51

(21) Application number: **04466025.6**

(22) Date of filing: **13.10.2004**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR
Designated Extension States:
AL HR LT LV MK

(71) Applicant: **Vukv A.S.**
150 21 Praha 5 (CZ)

(72) Inventor: **Malinsky, Jan**
140 00 Praha 4 (CZ)

(30) Priority: **13.10.2003 CZ 20032782**

(74) Representative: **Loskotova, Jarmila**
Kartouzská 4
150 21 Praha 5 (CZ)

(54) **Single wheel drive for electrically powered vehicles, in particular trams**

(57) A single wheel drive, particularly applicable for a tram wheel, mounted on the axle housing (8) is arranged with the driving motor (1) with swing mounting in a suspender (2) firmly connected with the sprung parts

of the vehicle, and the driven wheel (7) of the rail vehicle is mounted on a pin of the axle housing in such manner that there is cavity for a driving shaft or a driving shaft and an articulated joint inside the pin.

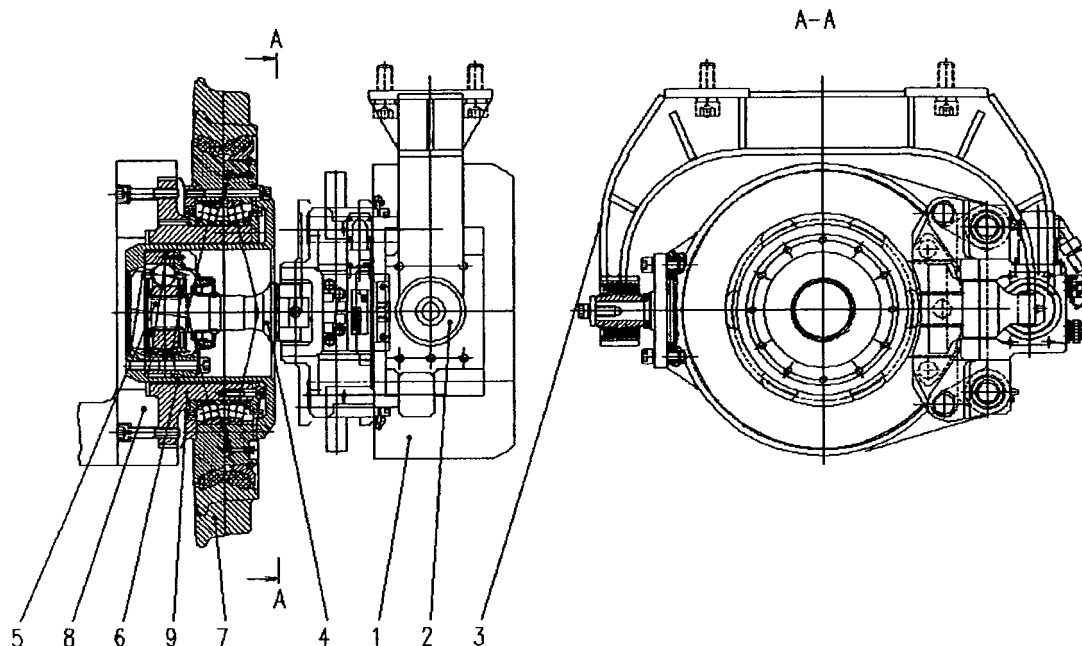


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 46 6025

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	DE 93 02 351 U1 (DUEWAG AG, 47829 KREFELD, DE) 23 June 1994 (1994-06-23) * page 6, line 36 - page 7, line 22; figures 4a,4b *	1	B61C9/48
A	WO 00/21815 A (FIAT FERROVIARIA S.P.A; VUKV, A.S; MALINSK&YACUTE, JAN; BYST&RCARON) 20 April 2000 (2000-04-20) * abstract; figures *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			B61C B61F B60K
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 March 2005	Examiner Ferranti, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

1
EPO FORM 1503 03/92 (P04/C01)

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

EP 04 46 6025

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.

23-03-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 9302351	U1	23-06-1994	NONE	
-----	-----	-----	-----	-----
WO 0021815	A	20-04-2000	WO 0021815 A1	20-04-2000
-----	-----	-----	-----	-----