



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
14.08.2013 Bulletin 2013/33

(51) Int Cl.: **B66F 9/075** (2006.01) **B62D 5/04** (2006.01)

(43) Date of publication A2:
16.02.2011 Bulletin 2011/07

(21) Application number: **10163417.8**

(22) Date of filing: **20.05.2010**

(84) Designated Contracting States:
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 SE SI SK SM TR
Designated Extension States:
BA ME RS

(71) Applicant: **BT Products AB**
595 81 Mjölby (SE)

(72) Inventor: **Nåbo, Daniel**
583 34, Linköping (SE)

(74) Representative: **Börlin, Maria et al**
Zacco Sweden AB
P.O. Box 5581
114 85 Stockholm (SE)

(30) Priority: **02.06.2009 SE 0950396**

(54) **Steering control for industrial lift truck**

(57) The invention relates to a control unit (90), a method and a computer program for controlling the steered wheel (20) of an industrial truck (10), where the truck (10) is of the steer-by-wire type. The steered wheel (20) has a first and a second rotational direction, which correspond to driving forward and driving backwards. The control unit (90) is adapted to receive an indication (100) from the operator of the truck. The control unit (90) is further adapted to analyse said indication (100) and

thereafter select one of at least two measures, where the first measure (130a) is to change the selected rotational direction, and where the second measure (130b) is to change the selected rotational direction and, in connection therewith to make sure that the steered wheel (20) has been sent at a predetermined steering angle (60). The control unit (90) is further adapted to generate and send a control instruction (150a, 150b) indication the selected measure.

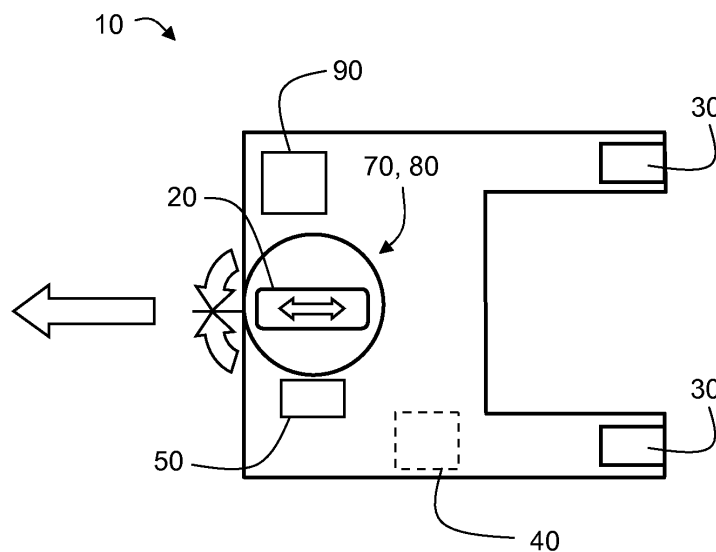


Fig 1



EUROPEAN SEARCH REPORT

Application Number
EP 10 16 3417

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	JP 2001 239949 A (FURUKAWA CO LTD) 4 September 2001 (2001-09-04) * abstract; figures * -----	1-10	INV. B66F9/075 B62D5/04
			TECHNICAL FIELDS SEARCHED (IPC)
			B66F B62D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 5 July 2013	Examiner Sheppard, Bruce
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

2
EPO FORM 1503 03.82 (P04C01)

05-07-2013

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2001239949	A	04-09-2001	NONE

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82