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(72) Inventor: **Eriksson, Lars**
590 20 Mantorp (SE)

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(74) Representative: **Berglund, Erik Wilhelm**
Berglunds Patentbyrå AB
Aspebraten
590 55 Sturefors (SE)

(71) Applicant: **BT Industries Aktiebolag**
S-59581 Mjölby (SE)

(54) **Safety device for lifting trucks**

(57) In order to increase security at lifting work with in particular high lifting trucks the inventions suggest the use of a weight indication for the driver so that he know how heavy loads he is handling. This weight indication is obtained by measuring the current to the motor of the hydraulic pump. In order to eliminate the risk that momentary variations result in a faulty measurement pref-

erably a mean value of the current is taken for a certain time or this is added during a fixed time interval. Obtained values are then multiplied with a conversion factor so that the weight in for instance kilograms is obtained and delivered to a suitable presentation device. Obtained values may also be used for alarm with suitable sound or light signals if the load should exceed the maximum allowed values.

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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A	US 5 393 939 A (NASUTA, JR.) 28 February 1995 * column 1, line 31-51 * * column 5, line 5-17 * ---	1-3,8	
A	DE 42 07 072 A (HEIDELBERGER DRUCKMASCHINEN) 9 September 1993 * column 1, line 25-66; figure 1 * ---	1-3	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	US 2 758 830 A (BENTLEY) 14 August 1956 * column 1, line 15-19 * * column 2, line 43-72 * * column 3, line 60-65 * -----	1-3	B66F G01G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 October 1998	Examiner Matzdorf, U
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	

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