

Title (en)

Machine and equipment control, especially for lubrication systems and cranes

Title (de)

Maschinen- und Anlagensteuerung, insbesondere für Schmieranlagen und Krananlagen

Title (fr)

Commande de machine et d'équipement, notamment pour des systèmes de lubrification et pour des grues

Publication

EP 0864848 A3 20000531 (DE)

Application

EP 98100516 A 19980114

Priority

DE 29700766 U 19970117

Abstract (en)

[origin: EP0864848A2] The wheel flange lubricating unit includes a pulse transmitter (8) which is a fluid controlled angle of inclination sensor. This sensor has at least one measurement chamber (15) partially filled with fluid medium. The angle of inclination dependent shift of the fluid medium in the sensor is capacitively or optically measurable. The sensor is formed as a differential capacitor with two measurement chambers (15) which are separated from each other by a plate (14) partially sealing them.

IPC 1-7

G01C 9/18; B61K 3/02; G01C 9/20; G01C 9/06

IPC 8 full level

B61K 3/02 (2006.01)

CPC (source: EP)

B61K 3/02 (2013.01)

Citation (search report)

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- [YA] DE 3414812 A1 19851031 - JACOB MANFRED
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- [Y] PATENT ABSTRACTS OF JAPAN vol. 015, no. 344 (P - 1245) 30 August 1991 (1991-08-30)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0864848 A2 19980916; EP 0864848 A3 20000531; EP 0864848 B1 20060524; AT E327496 T1 20060615; DE 29700766 U1 19970306;
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DOCDB simple family (application)

EP 98100516 A 19980114; AT 98100516 T 19980114; DE 29700766 U 19970117; DE 59813545 T 19980114