

Title (en)

DEVICE FOR DETECTING THE POSITIONS OF PIVOTABLE PARTS OF A POINT

Title (de)

VORRICHTUNG ZUM ERFASSEN DER POSITIONEN VON SCHWENKBAREN TEILEN EINER WEICHE

Title (fr)

DISPOSITIF SERVANT A DETECTER DES POSITIONS DE PARTIES PIVOTANTES D'UN AIGUILLAGE

Publication

EP 0886596 B1 20011114 (DE)

Application

EP 97906926 A 19970311

Priority

- AT 9700051 W 19970311
- AT 46896 A 19960312

Abstract (en)

[origin: WO9733784A1] The invention relates to a device for detecting the positions of pivotable parts of a point, for example tongue rails (1, 2). Said device has at least one sensor (4, 5, 6, 7) in the form of a continuous distance sensor. The sensor output is connected to a circuit arrangement (10) for two separate evaluations. A first evaluation is in the form of a distance evaluation and a second evaluation is in the form of an operational check of the sensor. The invention also relates to a process for signal evaluation.

IPC 1-7

B61L 5/10

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP US)

B61L 5/107 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9733784 A1 19970918; AT 407983 B 20010725; AT A46896 A 20001215; AT E208722 T1 20011115; AU 1916297 A 19971001; AU 720785 B2 20000615; CA 2247978 A1 19970918; CA 2247978 C 20011127; CN 1207167 C 20050622; CN 1217691 A 19990526; CZ 279298 A3 19981216; DE 59705393 D1 20011220; DK 0886596 T3 20020311; EP 0886596 A1 19981230; EP 0886596 B1 20011114; HR P970131 A2 19980430; HU 225355 B1 20061028; HU P9902660 A2 19991228; HU P9902660 A3 20030328; JP 2000502635 A 20000307; JP 3294617 B2 20020624; NO 984200 D0 19980911; NO 984200 L 19980914; PL 182366 B1 20011231; PL 328799 A1 19990215; SK 125198 A3 19990413; US 6164600 A 20001226; YU 39798 A 19990728; YU 48829 B 20020318; ZA 971956 B 19970910

DOCDB simple family (application)

AT 9700051 W 19970311; AT 46896 A 19960312; AT 97906926 T 19970311; AU 1916297 A 19970311; CA 2247978 A 19970311; CN 97194397 A 19970311; CZ 279298 A 19970311; DE 59705393 T 19970311; DK 97906926 T 19970311; EP 97906926 A 19970311; HR P970131 A 19970305; HU P9902660 A 19970311; JP 53210797 A 19970311; NO 984200 A 19980911; PL 32879997 A 19970311; SK 125198 A 19970311; US 14276998 A 19980914; YU 39798 A 19970311; ZA 971956 A 19970306