

Title (en)

Device for controlling crane, hoisting or similar devices

Title (de)

Vorrichtung zur Steuerung von Krananlagen, Hebezeugen oder dergleichen

Title (fr)

Dispositif pour le contrôle des ensembles de grue, de levage ou similaire

Publication

EP 1020786 A3 20021218 (DE)

Application

EP 99125177 A 19991217

Priority

DE 19901330 A 19990115

Abstract (en)

[origin: EP1020786A2] The arrangement converts a pivoting motion into an electrical signal and has a fixed rod (3a) with a handle element (2) on its free end that can pivot in the x, y and z directions. The rod has a bulge (7) with a spherical surface enclosing the rod below its free end and held in a bearing shell (6) for the handle element. Two mutually orthogonal forks (12,20) are pivotably mounted in the handle element and have longitudinal slots for the free rod end to pass through and an arrangement (16-19) for generating an electrical signal.

IPC 1-7

G05G 9/047

IPC 8 full level

G05G 9/047 (2006.01)

CPC (source: EP)

G05G 9/047 (2013.01); **G05G 2009/0474** (2013.01); **G05G 2009/04755** (2013.01)

Citation (search report)

- [A] FR 2434426 A1 19800321 - RENAULT
- [A] DE 1178258 B 19640917 - CONTRAVES AG
- [A] US 4580006 A 19860401 - HULL DANIEL T [US]

Cited by

FR2880436A1; EP2078999A3; EP2006757A3; US7185774B2; WO03095352A1; US8136421B2; EP2078999A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1020786 A2 20000719; **EP 1020786 A3 20021218**; DE 19901330 A1 20000824; DE 19901330 C2 20010419; NO 20000186 D0 20000114; NO 20000186 L 20000717

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