

Title (en)

Circuit for monitoring the end position switches of a four wire three phase drive for points

Title (de)

Schaltung zur Überwachung von Endlagenschaltern eines 4-Draht-Drehstrom-Antriebs einer Weiche

Title (fr)

Circuit pour surveiller les contacts de fin de course pour un entrainement triphasé à quatre fils pour un aiguillage

Publication

**EP 2127992 B1 20110914 (DE)**

Application

**EP 09007215 A 20090529**

Priority

DE 102008025710 A 20080529

Abstract (en)

[origin: EP2127992A2] The circuit (10) has switch point monitors (WUEA, WUER, WUEL) for signaling of a link position and a right position. The switch point monitors generate drive signals and comprises optocouplers polarized against each other and supplied with monitoring voltage with a negative polarity. End position switches (S1.1, S1.2, S2.1, S2.2) reflect the monitoring voltage with a positive polarity between connection points (U, V, W) corresponding to a position of the switches and excitation voltage is fed to the monitors for activation of the monitors and generating the drive signals.

IPC 8 full level

**B61L 5/10** (2006.01); **B61L 7/08** (2006.01)

CPC (source: EP)

**B61L 5/062** (2013.01); **B61L 5/107** (2013.01); **B61L 7/08** (2013.01)

Cited by

CN113820581A; ITMI20121435A1; EP2700957A1

Designated contracting state (EPC)

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 TR

DOCDB simple family (publication)

**EP 2127992 A2 20091202; EP 2127992 A3 20110112; EP 2127992 B1 20110914**; AT E524365 T1 20110915; DE 102009023262 A1 20091203; DE 102009023262 B4 20100902; PL 2127992 T3 20120229

DOCDB simple family (application)

**EP 09007215 A 20090529**; AT 09007215 T 20090529; DE 102009023262 A 20090529; PL 09007215 T 20090529