

Title (en)

Electronic switch control in an electronic interlocking

Title (de)

Elektronische Weichensteuerung in einem elektronischen Stellwerk

Title (fr)

Système de commande d'aiguillages d'un poste d'aiguillage électronique

Publication

**EP 1593574 B1 20060628 (DE)**

Application

**EP 04291190 A 20040507**

Priority

EP 04291190 A 20040507

Abstract (en)

[origin: EP1593574A1] The points system (1) has at least a semi-conductor switch (131,132) to switch on the voltage (L1,L2) for the points drive (2) and a relay (WN) with a contact pair wired in series with the semi-conductor switch in order to cut off the power supply (110) in rest position. The drive has an adjustable resistor (V1,V2) wired in parallel to at least one relay contact. It has a double processor system (10) to control the relay and the semi-conductor switch. On switching it on, first the relay contact is closed and then the points drive is switched on by the semi-conductor switch. On switching off the drive, first the semi-conductor switch is switched off and finally the relay contact is opened.

IPC 8 full level

**B61L 5/06** (2006.01)

CPC (source: EP)

**B61L 5/062** (2013.01)

Cited by

NL1040284A; DE102009055676B4; CN114435425A; AU2008209302B2; EP2181907A1; WO2006047971A1; WO2008089502A3; WO2011107376A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**EP 04291190 A 20040507**; AT 04291190 T 20040507; CN 200510068373 A 20050508; DE 502004000880 T 20040507