

Title (en)

Actuating and monitoring module for operating units of wayside equipment of railway systems or the like

Title (de)

Betätigungs- und Überwachungsmodul für Bedieneinheiten von streckenseitigen Anlagen von Eisenbahnsystemen oder dergleichen

Title (fr)

Module d'actionnement et de surveillance pour des unités opérationnelles des équipements de voie pour systèmes ferroviaires ou similaires

Publication

**EP 1990252 A1 20081112 (EN)**

Application

**EP 07425275 A 20070510**

Priority

EP 07425275 A 20070510

Abstract (en)

An actuating and monitoring module, particularly for operating units, i.e. wayside equipment, of railway systems or the like, particularly for switch machines, comprising: a source of a DC power signal; a line for supplying said power signal, also known as control signal, to said operating unit, which line connects the outputs of the power signal source to the inputs of the operating unit; switching means in the power signal supply line for switching the operating unit on and off by remote enabling/disabling controls, characterized in that according to the invention, the actuating module has automatic switching means for switching the inputs of the unit and/or the outputs of the power signal source to the short circuit state, in the disabled unit state, i.e. with no power signal on the supply line.

IPC 8 full level

**B61L 7/08** (2006.01)

CPC (source: EP)

**B61L 7/081** (2013.01); **B61L 27/53** (2022.01)

Citation (applicant)

- WO 0154262 A1 20010726 - UNION SWITCH & SIGNAL INC [US]
- EP 0749883 A2 19961227 - ANSALDO TRASPORTI SPA [IT]

Citation (search report)

- [XAY] WO 0154262 A1 20010726 - UNION SWITCH & SIGNAL INC [US]
- [E] EP 1785332 A1 20070516 - ALSTOM FERROVIARIA SPA [IT]
- [XAY] EP 0749883 A2 19961227 - ANSALDO TRASPORTI SPA [IT]
- [AY] DE 19606894 A1 19970814 - SIEMENS AG [DE]
- [A] CH 302004 A 19540930 - SIEMENS AG [DE]

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DOCDB simple family (publication)

**EP 1990252 A1 20081112; EP 1990252 B1 20091125**; AT E449717 T1 20091215; DE 602007003451 D1 20100107; ES 2337202 T3 20100421; MA 30009 B1 20081201; NO 20082183 L 20081111

DOCDB simple family (application)

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