

Title (en)

Apparatus for monitoring the state of a remotely controlled device.

Title (de)

Apparat zur Überwachung des Zustands eines fernkontrollierten Gerätes.

Title (fr)

Dispositif pour la surveillance de la condition d'un appareil commandé à distance.

Publication

**EP 0341224 A1 19891108 (EN)**

Application

**EP 89850088 A 19890316**

Priority

SE 8801725 A 19880506

Abstract (en)

An apparatus for monitoring the state of a remotely controlled means, e.g. a points drive for the points of a railway, or a signal lamp along a railway, without erroneous monitoring results occurring should the lines between a controlling means and the remotely controlled device be incorrectly connected. The remotely controlled device includes one or more special encoding means (4a, 4b, 4). Each such means gives rise to a pulse pattern which is characteristic for the means in a current which flows through it. It can thus be decided at the controlling means whether a current through it also flows through a given conductor part at the remotely controlled device. In accordance with a first embodiment, one of two different encoding means (4a, 4b) is connected into a current path in response to which of two different states a remotely controlled device assumes. According to a second embodiment an encoding means (4) is always connected in series with the remotely controlled device (6), the pulse pattern occurring when the remotely controlled device is supplied with current.

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**B61L 7/06**; **G08G 1/097**

IPC 8 full level

**B61L 7/06** (2006.01); **G08G 1/097** (2006.01)

CPC (source: EP)

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Citation (search report)

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