

Title (en)
DEVICE FOR AFFECTING A TRAIN

Title (de)
ZUGBEEINFLUSSUNGSEINRICHTUNG

Title (fr)
DISPOSITIF PERMETTANT D'INFLUENCER UN TRAIN

Publication
EP 1112207 A1 20010704 (DE)

Application
EP 99955667 A 19990831

Priority
• DE 9902813 W 19990831
• DE 19843230 A 19980910

Abstract (en)
[origin: WO0013955A1] The invention relates to a device (5) that affects a train, comprising an installation (10) that is placed on a section of the track (20) which, when seen in the direction of travel, is located in front of a signalling device (30) for linear transmission of information. The installation (10) transmits a data signal to a railway vehicle on said section of the track (20), whereby said data signal contains an identifier that characterizes the signalling device (30) and status data referring to the state of said signalling device (30). The invention also comprises a transmitter (40) that is located in front of the section of track (20) in the direction of travel (35) and transmits dot-like information, emitting a control signal to the railway vehicle, whereby the signal identifier from the signalling device can be detected. In order to enable data signals from the inventive device to be evaluated by a railway vehicle when said railway vehicle cannot detect the relevant signal identifier of the next signalling device in the direction of travel, at least one auxiliary device (50) is arranged in the section of the track (20) for the transmission of dot-like information, whereby said auxiliary device transmits an additional control signal to the railway vehicle, enabling the signal identifier from the signalling device (30) to be detected.

IPC 1-7
B61L 3/22; **B61L 3/12**

IPC 8 full level
B61L 3/12 (2006.01); **B61L 3/22** (2006.01)

CPC (source: EP)
B61L 3/121 (2013.01); **B61L 3/225** (2013.01)

Citation (search report)
See references of WO 0013955A1

Cited by
RU2741337C1

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)
WO 0013955 A1 20000316; AT E234214 T1 20030315; DE 19843230 A1 20000406; DE 19843230 C2 20020307; DE 59904553 D1 20030417; DK 1112207 T3 20030714; EP 1112207 A1 20010704; EP 1112207 B1 20030312; ES 2195632 T3 20031201

DOCDB simple family (application)
DE 9902813 W 19990831; AT 99955667 T 19990831; DE 19843230 A 19980910; DE 59904553 T 19990831; DK 99955667 T 19990831; EP 99955667 A 19990831; ES 99955667 T 19990831