

Title (en)
DEVICE FOR INFLUENCING ELECTROMAGNETIC DEVICES

Publication
EP 0104315 B1 19860409 (DE)

Application
EP 83104881 A 19830518

Priority
DE 3233945 A 19820913

Abstract (en)
[origin: EP0104315A1] 1. Apparatus for arbitrary electrical action on magnetic articles (6), especially switch points of a model railway layout, with a central control unit (1) for the production of control signals which are transmittable via conductors (3, 7-16) to the magnetic articles (6), wherein each group of magnetic articles (6) is connected to a respective receiver (4 or 5 respectively) which is codeable by an addressing switch (30 or 31), wherein the receivers (4, 5) are connected by means of a ring main (3) with a number of conductors (26-29) which is independent of the number of magnetic articles to the central control unit (1), and wherein the central control unit is adapted to deliver digital data telegrams as control signals to the ring main (3), a data telegram in each case comprising address data for the addressing of one of the magnetic articles (6) and instruction data for action on the addressed magnetic article (6), also with a status store for storing the status of the individual magnetic articles, and with control indication means for status indication of the magnetic articles (6), characterised in that the central control unit (1) comprises a microprocessor (32) which is connected to address keys (18) and to instruction keys (20, 21), for delivering the data telegrams in accordance with the particular address keys (18) and instruction keys (20, 21) which are operated at the time, and that the central control unit (1) comprises address indication means (17) for indicating the addressed magnetic article (6), and the status of each magnetic article (6) which is addressed is indicated by the control indication means, and the microprocessor (32) comprises the status store for storing the status of the individual magnetic articles under the associated address and is so arranged that through actuation of the address keys (18) corresponding to the addressing of a selected magnetic article (6) the address and a status stored for the said magnetic article (6) are representatable with the address indication means (17) and the status indication means (20, 21), and through actuation of a status key (20 or 21) not corresponding to the indicated status the corresponding data telegram is produced on the ring main (3).

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A63H 19/32

IPC 8 full level
A63H 19/32 (2006.01)

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Cited by
CN100446830C; WO03063992A1

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AT DE

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