Title (en)

DEVICE FOR CONTROLLING LEVEL CROSSINGS

Title (de)

EINRICHTUNG ZUR STEUERUNG VON BAHNÜBERGÄNGEN

Title (fr)

DISPOSITIF POUR COMMANDER DES PASSAGES A NIVEAU

Publication

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Application

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Abstract (en)

[origin: WO9856635A1] The inventive control system for a level crossing (BU) consists of a plurality of identically designed modules or travel way objects (X1 to X5). The number of travel way objects corresponds to the number of travel ways (1 to 5) which can be placed on the level crossing. The process peripheral system (P) can only access the travel way object allocated to a specific travel way using an individual linkage logic (VL) consisting of simple standard linkages (Vo, Vu, Vn, Vv, Va). Said travel way object can only transmit individually allocated monitoring information to a monitoring signal (US1, US2) which is allocated to the appropriate travel way. Disconnection also occurs via said linkage logic solely in relation to the travel way. A common allocational unit (Z) is provided to control the safety components (S) of the level crossing. Said unit receives control instructions from the individual travel way objects and transmits monitoring information thereto. Control is adapted to various topographical data and varying functional requirements exclusively via the linkage logic.

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IPC 8 full level

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