

Title (en)  
DEVICE FOR CONTROLLING LEVEL CROSSINGS

Title (de)  
EINRICHTUNG ZUR STEUERUNG VON BAHNÜBERGÄNGEN

Title (fr)  
DISPOSITIF POUR COMMANDER DES PASSAGES A NIVEAU

Publication  
**EP 0988207 B1 20020109 (DE)**

Application  
**EP 98936142 A 19980610**

Priority  
• DE 9801595 W 19980610  
• DE 19725320 A 19970610

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.

IPC 1-7  
**B61L 29/00**

IPC 8 full level  
**B61L 29/00** (2006.01)

CPC (source: EP)  
**B61L 29/00** (2013.01)

Designated contracting state (EPC)  
AT BE CH DK ES FI GB GR IT LI NL PT

DOCDB simple family (publication)  
**WO 9856635 A1 19981217**; AT E211696 T1 20020115; CN 1139508 C 20040225; CN 1259914 A 20000712; DE 19725320 A1 19981217; DK 0988207 T3 20020429; EP 0988207 A1 20000329; EP 0988207 B1 20020109; ES 2171301 T3 20020901; PT 988207 E 20020731

DOCDB simple family (application)  
**DE 9801595 W 19980610**; AT 98936142 T 19980610; CN 98806041 A 19980610; DE 19725320 A 19970610; DK 98936142 T 19980610; EP 98936142 A 19980610; ES 98936142 T 19980610; PT 98936142 T 19980610