Title (en)
Train control system

Title (de)
Zugbeeinflussungssystem

Title (fr)
Système de commande de train

Publication
EP 1069021 A3 20020918 (DE)

Application
EP 99250408 A 19991119

Priority
DE 19856464 A 19981126

Abstract (en)
[origin: DE19856464A1] The safety control system uses transmission of data between trackside transmitter (ZUB1,ZUB2) and receivers onboard each train. The received data are used for regulating transmitters to the train velocity profile. Data telegrams provided by the trackside transmitters contain individual velocity offsets for each type of train, compared to the velocity profile for a standard train, each train using the appropriate velocity offset for control of its velocity profile.

IPC 1-7 (main, further and additional classification)
B61L 3/12; B61L 3/24

IPC 8 full level (invention and additional information)
B61L 3/12 (2006.01)

CPC (invention and additional information)
B61L 3/128 (2013.01)

Citation (search report)
- [A] DE 2633089 A1 19780126 - SIEMENS AG
- [A] DE 1438782 A1 19690904 - LAGERSHAUSEN DR ING HERMANN
- [DA] EP 0551972 A1 19930721 - SIEMENS AG [DE]

Cited by
GB2416864A; GB2416864B

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
DE 19856464 A1 20000531; AT 318743 T 20060315; DE 59913175 D1 20060427; DK 1069021 T3 20060703; EP 1069021 A2 20010117; EP 1069021 A3 20020918; EP 1069021 B1 20060301; ES 2260887 T3 20061101