

Title (en)

A train operation control apparatus.

Title (de)

Eisenbahnzugbetriebssteuerungsvorrichtung.

Title (fr)

Dispositif pour commander le mouvement des trains.

Publication

EP 0197539 A2 19861015 (EN)

Application

EP 86104748 A 19860408

Priority

JP 7345185 A 19850409

Abstract (en)

For supplying data concerning the track condition such as a grade, a curve and so on for an automatic train control apparatus (10), there is used a magnetic card (9) which is combined with a timetable for a train operator. A card reader (8) reads out the data recorded on the card (9) necessary for traveling between a station A and the next station B when a train departs from the station A. The automatic train operation apparatus (ATO) (10) produces a notch command to a driving motor control apparatus in view of the read data. The present invention can realize the ATO flexible to the internal and external variable factors.

IPC 1-7

B61L 3/00

IPC 8 full level

B60L 15/40 (2006.01); **B61L 3/00** (2006.01)

CPC (source: EP)

B61L 15/0062 (2024.01); **B61L 15/0092** (2024.01)

Cited by

EP0539885A3; US5602739A; CN104890533A; CN111212508A; JP2016116259A; WO9429827A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 0197539 A2 19861015; EP 0197539 A3 19881214; JP 2543496 B2 19961016; JP S61236310 A 19861021

DOCDB simple family (application)

EP 86104748 A 19860408; JP 7345185 A 19850409