

Title (en)

Method for the control and the safety of a guided transport system

Title (de)

Verfahren zur Steuerung und Sicherung eines spurgeführten Transportsystems

Title (fr)

Méthode pour la commande et la sécurité d'un système de transport guidé

Publication

**EP 0796779 B1 20030212 (DE)**

Application

**EP 96104501 A 19960321**

Priority

EP 96104501 A 19960321

Abstract (en)

[origin: EP0796779A1] The method involves storage in formal language of a model of all foreseeable network states and events. Type-related dynamic data are represented in the form of Petri nets or their derivatives, and example-related static track network data in the form of double-vertex graphs. A first algorithm computes all possible sequence states and prevents triggering of a verifiable event when a forbidden state is involved. A second algorithm is brought in when an unacceptable event occurs, triggering verifiable events when these reduce the expected number of consequential forbidden states.

IPC 1-7

**B61L 21/00**

IPC 8 full level

**B61L 21/00** (2006.01)

CPC (source: EP)

**B61L 21/00** (2013.01); **B61L 27/60** (2022.01)

Cited by

DE102008057750A1; EP1868051A1; RU2470339C2; WO2007144513A3

Designated contracting state (EPC)

AT BE DE DK FR GB IT NL PT SE

DOCDB simple family (publication)

**EP 0796779 A1 19970924**; **EP 0796779 B1 20030212**; AT E232482 T1 20030215; DE 59610130 D1 20030320

DOCDB simple family (application)

**EP 96104501 A 19960321**; AT 96104501 T 19960321; DE 59610130 T 19960321