

Title (en)

Method and device for signal safety in traffic light control systems

Title (de)

Verfahren und Vorrichtung zur Signalsicherung in Systemen mit Wechselverkehrszeichengebern

Title (fr)

Méthode et dispositif pour la fiabilité du signal dans les agencements de feu de signalisation

Publication

EP 0942401 B1 20040922 (DE)

Application

EP 99104966 A 19990312

Priority

DE 19811082 A 19980313

Abstract (en)

[origin: EP0942401A2] The method involves transferring a demand state of a currently selected display (3) from a central unit (6) to an associated control element (4), which passes it to the display, determines the current actual state of the display and transfers it to all control elements and the central unit. Each control element and the central unit compare the actual state of the selected display with displayed actual states of the other displays. The control elements and/or central unit, which detect a conflict between the actual states of at least two displays, transfer a command to switch off the control elements associated with these displays, which switch the displays to a safe state.

IPC 1-7

G08G 1/07; G08G 1/097

IPC 8 full level

G08G 1/07 (2006.01); **G08G 1/095** (2006.01); **G08G 1/097** (2006.01)

CPC (source: EP)

G08G 1/07 (2013.01); **G08G 1/095** (2013.01)

Cited by

DE102005046760A1; DE102005046760B4

Designated contracting state (EPC)

AT BE CH DE DK LI NL

DOCDB simple family (publication)

EP 0942401 A2 19990915; **EP 0942401 A3 20000830**; **EP 0942401 B1 20040922**; AT E277394 T1 20041015; DE 59910549 D1 20041028; DK 0942401 T3 20050124

DOCDB simple family (application)

EP 99104966 A 19990312; AT 99104966 T 19990312; DE 59910549 T 19990312; DK 99104966 T 19990312