Title (en)
PRE-TACTICAL CONTROL DEVICE

Title (de)
PRÄTAKTISCHE STEUERUNGSEINRICHTUNG

Title (fr)
DISPOSITIF DE REGULATION PRETACTIQUE

Publication
EP 1805742 A1 20070711 (DE)

Application
EP 05789840 A 20050913

Priority
• DE 2005001597 W 20050913
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Abstract (en)
[origin: WO2006042490A1] Disclosed is a pre-tactical control device (1) for controlling traffic, which is to be connected to a tactical control system (2) used for assigning times of traffic events that are to be respected by means of transport at defined traffic junctions. Said pre-tactical control device (1) establishes target times (t_z) for traffic events of individual means of transport at the defined traffic junctions within a pre-tactical control time horizon which is greater than a tactical control time horizon of the tactical control system (2), the pre-tactical control device (1) comprising at least one assigned time of a traffic event. The target times (t_z) are determined at least in accordance with predefined traffic plans (FP), updates to said traffic plans (FP'), and predictions about the traffic capacities (KAP(t)) that can be handled at a traffic junction over time such that the target times (t_z) optimize the traffic events at the traffic junction regarding the capacity while respecting the traffic capacities (KAP(t)) that can be handled at a traffic junction, respecting the predefined traffic plans (FP), and keeping planning and controlling processes stable. The target times (t_z) are introduced into the tactical control system (2) as control parameters.

IPC 8 full level
G08G 5/00 (2006.01)

CPC (source: EP US)
G08G 5/0043 (2013.01 - EP US)

Citation (search report)
See references of WO 2006042490A1

Cited by
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WO 2006042490 A1 20060427; **WO 2006042490 A8 20060713**; **WO 2006042490 A9 20070920**; AT E440357 T1 20090915; DE 102004050988 A1 20060504; DE 502005007960 D1 20091001; EP 1805742 A1 20070711; EP 1805742 B1 20090819; ES 2330457 T3 20091210; US 2008262709 A1 20081023

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