

Title (en)

Method for coordinating light signal-controlled nodes in a street network

Title (de)

Verfahren zur Koordinierung von Lichtsignalgesteuerten Knoten in einem Straßennetz

Title (fr)

Procédé de coordination de noeuds commandés par signal lumineux dans un réseau routier

Publication

EP 2161698 B1 20120829 (DE)

Application

EP 09165735 A 20090717

Priority

DE 102008045631 A 20080903

Abstract (en)

[origin: EP2161698A1] The method involves defining an optimization direction (OPT) in which pre-nodes and a main node are coordinated. An optimal offset time between signal time plans (SZPh1-SZPh3) of the main node and one of the pre-nodes is determined. Determination of the optimal offset time for the main node is evaluated to find matching of an intensity distribution, which is modeled for a vehicle block adjacent to a signal group of the main node in the direction, with another intensity distribution that is modeled during coordination of adjacent nodes for another vehicle block routed by the signal group.

IPC 8 full level

G08G 1/082 (2006.01); **G08G 1/01** (2006.01)

CPC (source: EP)

G08G 1/0104 (2013.01); **G08G 1/082** (2013.01)

Cited by

CN103544840A; CN110930735A; CN104112366A; WO2021051214A1

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