

Title (en)

A method and a traffic light control system for controlling the traffic lights in at least one intersection

Title (de)

Verfahren und Ampelsteuersystem zur Steuerung der Ampeln an mehreren Kreuzungen

Title (fr)

Procédé et système de commande de feux de signalisation pour le contrôle de feux de signalisation dans une pluralité de carrefours

Publication

EP 2192565 A1 20100602 (EN)

Application

EP 09174886 A 20060227

Priority

- EP 06710972 A 20060227
- DK PA200500305 A 20050228

Abstract (en)

A traffic light control system for controlling the traffic lights (4,5,6) in at least one intersection (10,11,12,...,26) based on the position of a vehicle (1). The system comprises means for periodically determine the position of the vehicle, means for determining a next intersection at which the vehicle (1) will arrive based on the periodically determined position, means for controlling the traffic lights in the next intersection. The control system further comprises means for determining subsequent intersections, which are the intersections at which the vehicle (1) may arrive after passing the next intersection, and means for controlling the traffic lights in the subsequent intersections. Thereby a system is provided wherein no attention to the system is required from the driver of the vehicle (1). Furthermore a green wave of traffic lights is provided when the route of the emergency vehicle (1) is not known in advance.

IPC 8 full level

G08G 1/087 (2006.01)

CPC (source: EP)

G08G 1/087 (2013.01); **G08G 1/20** (2013.01)

Citation (applicant)

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- US 5014052 A 19910507 - OBECK CARL J [US]
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WO 2006090346 A1 20060831; AT E447753 T1 20091115; DE 602006010185 D1 20091217; DK 1859426 T3 20100322; DK 200500305 A 20061130; EP 1859426 A1 20071128; EP 1859426 B1 20091104; EP 2192565 A1 20100602; ES 2336138 T3 20100408

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