

Title (en)

CONTROL OF TRAFFIC LIGHTS THAT GOVERN VEHICULAR TRAFFIC AT A JUNCTION OF ROADS

Title (de)

STEUERUNG VON VERKEHRSSAMPELN, DIE DEN FAHRZEUGVERKEHR AN EINER STRASSENKREUZUNG REGELN

Title (fr)

COMMANDE DE FEUX DE CIRCULATION QUI RÉGISSENT LA CIRCULATION DE VÉHICULES À UNE INTERSECTION DE ROUTES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020018011A1] A junction cognitive manager (10) controls traffic light(s) that govern 5 vehicular traffic at a junction (14) of roads. The manager obtains a change drive (20A) characterizing a need to change a phase of the traffic light(s) and a maintain drive (20B) characterizing a need to maintain the phase. The manager generates a change evaluation metric (24A) and a maintain evaluation metric (24B) as a function of the change drive (20A) and the maintain drive (20B), respectively. The change 10 evaluation metric (24A) indicates an importance of changing the phase for satisfying the change drive (20A) and the maintain evaluation metric (24B) indicates an importance of maintaining the phase for satisfying the maintain drive (20B). The manager makes a decision (26) to control the traffic light(s) between changing the phase and maintaining the phase, based on the change evaluation metric (24A) and 15 the maintain evaluation metric (24B).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2020018011A1

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