

Title (en)
TRAFFIC GUIDANCE AND INFORMATION SYSTEM

Publication
EP 0256483 B1 19910502 (DE)

Application
EP 87111565 A 19870810

Priority
DE 3627474 A 19860813

Abstract (en)
[origin: EP0256483A1] In this system with fixed guide beacons of two-way alternate data transmission (DT) with suitable, correspondingly equipped vehicles (FZ), the guide beacons consist of infrared heads (IRK). For data transmission (DT), signal lines are used which are already necessary for the traffic light system (LSA). For this purpose, in the traffic switching device (VSG) and in each infrared head (IRK) transformers (UEV, UEI) are arranged, each having a first transformer winding (W1) for transmission of the data telegrams (DT). In the signal mast (SM), a capacitor (C) and in series with it a second transformer winding (W2) of the transformer (UEI) arranged in the infrared head (IRK) are connected (K1, K2) to two signal return lines (RL1 and RL2). In the traffic switching device (VSG) one of the two signal return lines (RL1) is taken via a second transformer winding (W2) of the relevant transformer (UEV) to the frame earth (Mp). The operating voltage required for the infrared head (IRK) is obtained from the mains a.c. voltage in the traffic switching device (VSG) or in the signal mast (SM). <IMAGE>

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G08G 1/09

IPC 8 full level
G08G 1/09 (2006.01); **G08G 1/0968** (2006.01)

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Cited by
DE10046836A1; EP0576710A1; EP0903711A3; EP0898256A3; GB2332551A; GB2332551B; WO9945520A1; WO9837529A1

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