

Title (en)  
ROUTE GUIDANCE SYSTEM FOR MOTOR VEHICLES

Publication  
**EP 0004088 B1 19820421 (DE)**

Application  
**EP 79100732 A 19790312**

Priority  
DE 2810728 A 19780313

Abstract (en)  
[origin: EP0004088A2] 1. A tracking system for motor vehicles comprising a digital data exchange between vehicle apparatus and road apparatus, the latter being provided with a transmitting device (12-16) and a receiving device (18-24) which are connected to a single induction loop (10) embedded in the surface of the carriageway, characterised by an auxiliary device (26) in the road apparatus located at the induction loop parallel to the transmitting and receiving device and capable of being switched in selectively, comprising a detector circuit (140-142) in which is detected the characteristic behaviour of the change in inductance produced in the induction loop by the passage thereover of a vehicle in accordance with the type of vehicle and the speed of the vehicle, and an evaluating circuit (170-176) connected thereto for the conversion into digital signals which can be incorporated in the data exchange.

IPC 1-7  
**G08G 1/09**

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

CPC (source: EP)  
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**EP 0004088 A2 19790919; EP 0004088 A3 19791114; EP 0004088 B1 19820421; DE 2810728 A1 19800103; DE 2810728 C2 19820812**

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