

A B S T R A C T

100759

A system for locating a transponder (T) travelling along a road (4) of a certain width, the system being characterized in that it comprises:

* a set of beacons (B1 to B6) each suitable for communicating with the transponder (T) if it is located in a communications zone (S) specific to the beacon under consideration and of a width (L_s) that is smaller than the width (L_r) of the road, the beacons being distributed in line across the road so that the communications zones of the beacons (S1 to S6) overlap in pairs and together cover the entire width of the road; and

* control means (U) acting cyclically on the beacons to cause them to transmit signals for establishing communication between themselves and a transponder passing through at least at least one of the beacon communications zones, which control means detect which beacon or beacons have established such communication with the transponder and associate the detected beacon(s) with a certain portion (P1 to P6) of the width of the road indicative of the lateral position of the transponder across the road, said control means (U) activating said beacons (B1 to B6) in a sequence such that two adjacent beacons do not transmit simultaneously.

This Sheet Has Been Replaced



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REPLACED