

Title (en)
A POSITION DETECTOR AND SYSTEM

Title (de)
POSITIONSDETEKTOR UND SYSTEM

Title (fr)
DÉTECTEUR DE POSITION ET SYSTÈME

Publication
EP 4042400 A1 20220817 (EN)

Application
EP 19948714 A 20191007

Priority
NZ 2019050131 W 20191007

Abstract (en)
[origin: WO2021071364A1] A proximity monitor for monitoring a zone associated with a vehicle, such as during a race. In a race each vehicle may have a proximity monitor to enable monitoring of distances between proximate vehicles. Each proximity monitor may include an RF transmitter and an RF receiver to communicate with proximate monitors and use signal timing information to determine spacing between monitors. The monitor may use Ultra Wide Band (UWB) signals to determine spacing and other protocols for communication. The monitor may also detect whether another monitor passes. An alert signal may be generated if the spacing information, and optionally other information, satisfies an alert criterion. A system including such monitors may enable race officials to monitor infringement of rules and enforce penalties in real time on a race course.

IPC 8 full level
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CPC (source: EP)
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