

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/US2018/048392

TITLE: SMART CITY DATA ANALYTICS FOR IMPROVED ACCIDENT RECONSTRUCTION AND SOLUTIONS

APPLICANT: CONTINENTAL AUTOMOTIVE SYSTEMS, INC.

IPC CLASSIFICATION: G06K9/00, G06K9/20, G08G1/01, G08G1/04, G08G1/052, G08G1/056, G08G1/16

EXAMINER: Banerjea, Robin

CONSULTED DATABASES: EPODOC, TXT+, WPI

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: G01S5/16, G01S15/LOW, G01S13/LOW, G01S17/LOW, G06K9/00335, G06K9/00369, G06K9/00624/LOW, G06K9/20, G08G1/0116, G08G1/0125, G08G1/04, G08G1/052, G08G1/056, G08G1/164

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

Data collection and warning system senses, records and signals accidents in a traffic area such as road crossing, intersection or street with high density and activity. The warning system is mounted on infrastructure such as buildings, bridges, parking structures or support structures and the accidents may be communicated via short range or 5G mobile networks to law enforcement agencies or hospitals. The sensor may be long/short-range radar, LIDAR, LADAR, camera, ultrasound, or sonar for measuring location, speed and direction of each vehicle and vulnerable road user in said traffic area.