IoT Connected Car Patents Data 4Q 2016

IoT Connected Car Patents Data 4Q 2016 is a custom research of TechIPm, LLC (www.techipm.com) based on the analysis of the published patent applications and issued patents in the USPTO regarding the IoT (Internet of Things) connected car.

Methodology

1. Search for the IoT connected car related patents.

- Search the USPTO database for the IoT connected car related published patent applications and issued patent as of 4Q 2016

2. Review the searched patents for the key IoT connected car patents.

- Categorize the identified patents by the key connected car technology/application
  Accident Avoidance, Control Automation, Driving Automation, Information Sharing, Location Finding, Maintenance/Diagnostic/Alert, Map/Route Information, Network Security, Traffic Control, V2X (V2V, V2I using DSRC, LTE)

- Categorize the identified patents by the key connected car product/service
  ADAS, Autonomous Driving System, Cloud Service, Infotainment System, ITS, Navigation System, Parking Assist System, Telematics, Vehicular Communication System, Driver Status/Health Monitoring

- Categorize the identified patents by the key connected car value chain player
  Auto Manufacturer (OEM), Auto Parts Manufacturer, CE Manufacturer, ICT Solution, ICT Service, Insurance, Internet/Computer, PME (Patent Monetization Entity), R&D (including university), Semiconductor, Telecom Operator, Telecom OEM, Agricultural Equipment Manufacture

Deliverables

MS excel file for current assignee, patent number (hyperlinked to Google Patent), title, technology/application category, product/service category, value chain player category

Examples for Data Use Cases

Innovation Status
Patent information can provide insights regarding the state of the art of connected car innovations.

Innovation Opportunity
Using patent information, one can identify the potential innovation R&D areas ("white space") that can lead to new connected car products/services development through the patent analysis.

Cross-competitor Analysis
Patent information can provide insights regarding the competitive advantage innovation

strategy in alignment with the strategic move of a specific company for connected car business leadership through the cross-competitor analysis.

Value Chain
Patent information can provide insights regarding the state of the art of connected car innovations of the value chain players.

Patent Dispute Risk
Patent information can provide insights regarding the potential patent dispute risks of connected car applications.

For more information, please contact Alex G. Lee at alexglee@techipm.com .