Vehicle contamination monitoring system

Contamination   Public transport   5G   Rental car fleet

Virus

Contact tracing   COVID-19   Pandemic

Smartphone APP

Taxi

Human machine interface   Wi-Fi   Bluetooth

| SAFETY

| UX/HMI

Innovations/advantages

Advanced contact tracing technology that extends to the monitoring of possible contamination of vehicles;
The system can be partially or entirely installed on-board the vehicle or in gate areas temporarily connecting with the vehicle, such as airport gates or aircraft gangways or train station platforms;
An alert or information signal is displayed onboard (warning light such as LED);
Potential customers of taxis, rental cars, etc. are informed before entering the car about the decontamination status of the vehicle.

Application field

OEMs;
Public transportation;
Taxis, rental cars

Product insight

Italdesign has responded to the challenge for the transportation industry presented by Covid-19 with an advanced technology that exchanges information on the status of possible contamination of a vehicle by passengers who have tested positive for the virus. The system installed onboard vehicles, such as taxis, rental cars or even family cars, communicates with the applications on personal communication device (smartphones, tablets, etc.) used widely during the pandemic to trace contact between an infected individual and a user. Containing the virus and safe travel is a priority shared by everyone.

Patent Information
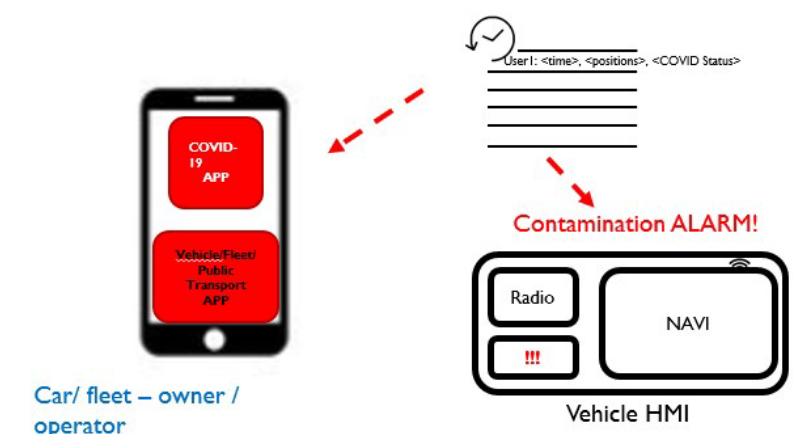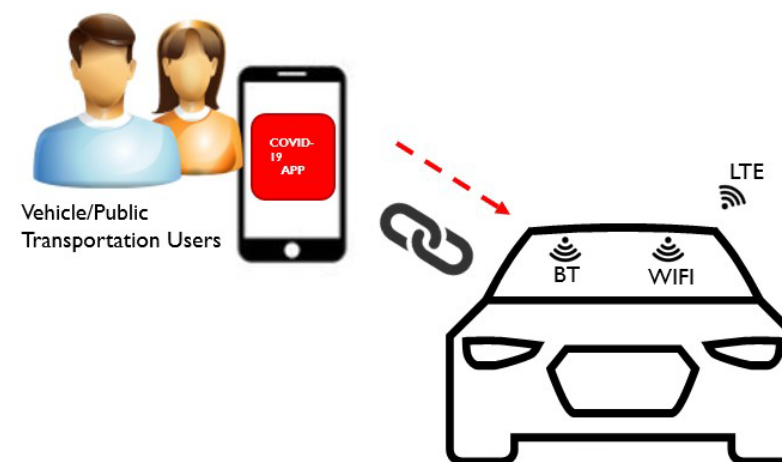
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WO 2022/003735 A1

IPR Dossier n. A26

National patent filings

Vehicle/Public Transportation Users

COVID-19 APP

LTE

BT   WIFI

Car/ fleet – owner / operator

COVID-19 APP

Vehicle/Fleet/ Public Transport APP

User1: <time>, <positions>, <COVID Status>

Contamination ALARM!

Radio   NAVI

!!!

Vehicle HMI

ITALDESIGN
— be ideeneers —