Autonomous vehicle with projectors for safety information

Climbe Urban mobility Capsule Regulations
Autonomous Services
5G Adas Residential Building Lidar Lighting
Transportation Pedestrians Seamless travel

New Mobility

SAFETY

CAR COMP. BODYWORK

Innovations/advantages

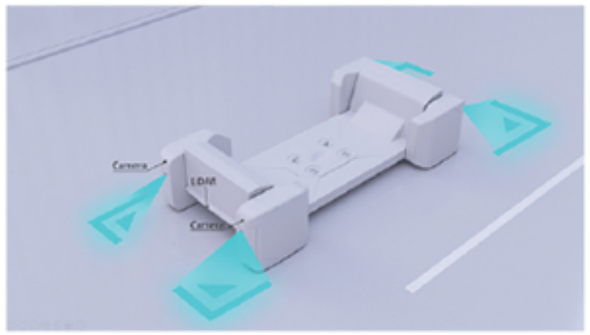
Autonomous vehicle offering safe conditions for other road users; projection of information onto the area surrounding the vehicle without the need for input from the vehicle occupants;
cockpit that can be separated vertically from the undercarriage, lifting up from and lowering onto the undercarriage from above, with the occupants inside the cockpit;
cockpit that can be used in a mixed transport system, potentially involving the transfer of the cockpit, including by other carriers and means of transport (for example, trains, ships, aircraft), without the occupants necessarily having to disembark.

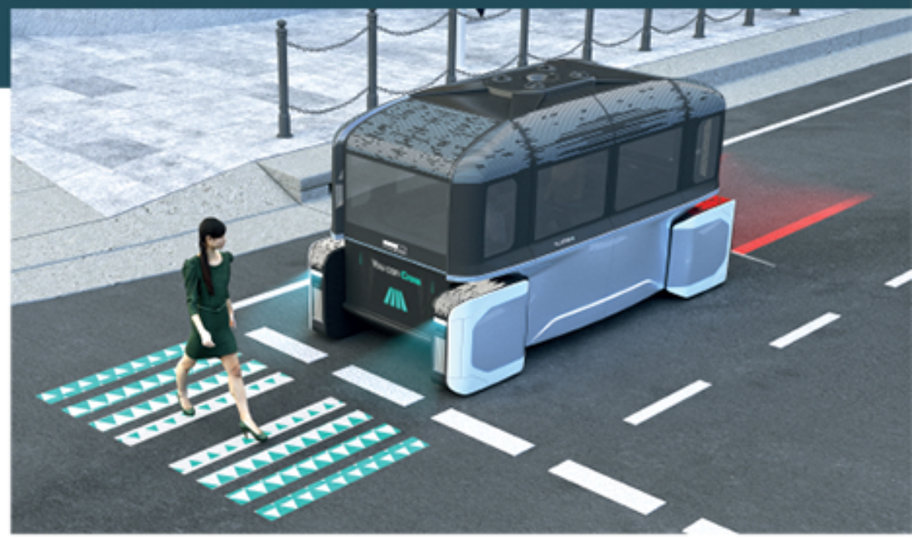
Application field

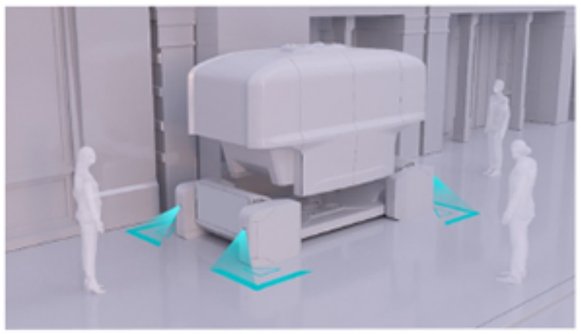
OEMs;
Vehicles engineering;
All mobility solutions

Product insight

The invention described herein relates to self-driving transport systems, and in particular, to an autonomous vehicle with projectors for projecting light radiation onto the ground, in areas adjacent to the vehicle, containing safety information for road users, without the need for input from of the vehicle occupants.
This information is useful to nearby road users, for example to maintain a safe distance from the vehicle, taking into consideration the operating conditions or movement of the vehicle.
The projectors can be incorporated into the wheel trims or alternatively/additionally, one or more projectors may be directly integrated into the vehicle's main headlamps.







Patent Information

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National patent filings

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