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STANDARD COMBINATION OF CHARGING COLUMNS WITH WASHING WATER FILLING STATIONS

Axel Unger
Bertrandt Ingenieurbüro GmbH

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STANDARD COMBINATION OF CHARGING COLUMNS WITH WASHING WATER FILLING STATIONS

Initial situation:

Wash water tanks in passenger cars are designed for 5 to 8 litres as standard.

The tanks are poorly accessible, the wash water consumption is user-dependent but not essential for the vehicles' roadworthiness.

With highly automated driving with many sensors and cameras, the consumption of washing water will increase many times over. The sensors and cameras must have a clear view and no soiling in order to provide the full function for HAF. Initial forecasts predict a consumption of 40 litres of washing water for sensor cleaning per HAF driving cycle.

Highly automated driving will be implemented predominantly with battery electric vehicles BEV in the future.

Disadvantages:

- Often no possibility to get wash water at charging stations.
- High volume of wash water requires large containers for transport

Solution:

Combine charging stations with wash water filling stations as standard.

BEV customers can also use the "filling station" in connection with their charging bill.

No container required, customers can fill up with washing water directly - similar to filling up with petrol - in the future when charging.

fill up with washing water when charging.