

News Release

May 16, 2022

Hitachi Transport System Acquires a Patent for SSCV®-Safety

Hitachi Transport System, Ltd. (HTS) is pleased to announce that it has acquired a patent for SSCV-Safety. In 2016, we began a study of safe driving support technology to reduce the risk of accidents for drivers with the final goal to commercialize it as SSCV (Smart & Safety Connected Vehicle). This is the third patent granted to SSCV-Safety. It is the core of the accident risk notification function to the administrator, and is related to the logic for notifying only the necessary events.

*SSCV, Smart & Safety Connected Vehicle and their logos are registered trademarks of Hitachi Transport System, Ltd.

■Outline of the patent

Name of invention	Management support system
Patent number	P7025457
Date of registration	February 15, 2022
Patent holder	Hitachi Transport System, Ltd.
Description of invention	<p>This management support system acquires the vehicle's driving information and the driver's physical condition information using dedicated devices, respectively, and alerts the driver based on alarm levels set for each device to support safe driving. At the same time, a cloud server runs an analysis to determine hazardous conditions, and it notifies the administrator when it finds that will be dangerous and a high risk of the accident.</p> <p>This enables administrator notification according to the level. At a mild alert level, the administrator is not notified, but only when the accident risk is high.</p>
Relationship with other SSCV-related patents (In total, 2 patents) *Released Oct 1, 2020	<p>(1) The invention of P6684295 is unique in that it takes into account whether the vehicle is driving on a highway or a general road when the cloud server runs an analysis of the vehicle's driving information and the driver's physical condition information.</p> <p>(2) The invention of P6714036 is unique in that a short video clip from the dashcam is sent to the administrator along with the alert at the timing of notification to the administrator.</p>

October 1, 2020 Press Release: HTS acquires a patent for SSCV (Japanese Language)

<https://www.hitachi-transportssystem.com/jp/news/20201001-2.html>

■About SSCV

SSCV is a transportation digital platform provided by Hitachi Transport System, consisting of 3 solutions: SSCV-Smart, SSCV-Safety, and SSCV-Vehicle. We are committed to solving transportation issues by leveraging our perspective as a logistics company and technology.

■Reference: Website resources

- SSCV general website (Japanese Language)
<https://www.hitachi-transportssystem.com/jp/sscv/>
- SSCV-Safety website (Japanese Language)
<https://www.hitachi-transportssystem.com/jp/sscv/safety/>

Through the development of SSCV, the HTS Group will contribute to the development of logistics as a social infrastructure by supporting transport operations to solve their problems and to grow their businesses.

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