

Technology

The invention describes a simulation system and a simulation method for studying the operability of a vehicle by an operator. The method is characterized by a primary data set with a fixed predetermined resource profile for solving at least one primary task when operating a vehicle. In this way an elaborate simulation of the primary task is avoided and enables an effective linkage with a secondary data set, which affects at least one secondary task, especially the usability of a infotainment system and / or dialogue system while operating the vehicle. The primary data set and secondary data set are transferred to a simulation and a function of primary and secondary data set automatically determines the influence of at least one primary task on the implementation of at least one secondary task. Thus the effect of infotainment systems and dialogue systems in vehicles can be easily examined.

Competitiveness

The major advantage of such model based analytical methods compared to “real” user tests lies in the shorter time that is necessary to evaluate and compare design alternatives in the development process. Thus the development process can incorporate many repetitive (virtual) tests that support later “real” user tests implementing quality checks.

IP Rights

European Patent Application EP 176 38 06 A2

Origin

Technische Universität Berlin, Germany

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- **Suitable Industry**
User simulation systems
Automobile electronics
- **Market Potential**
Worldwide
- **Development**
Prototype
- **Type of collaboration**
License, Cooperation, Sale

- **Project Manager**
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