In this study, an internet-based questionnaire was developed to make the customer requirements for a multitrack electric bicycle tangible. Participants also answered questions about future driving behavior with a multitrack electric bicycle, in comparison to their current driving habits with a conventional bicycle. Thus, this study provides information about critical features which are crucial for the acceptance of a vehicle concept on the market. The survey results significantly influenced the design and development of the vehicle concept “QuadRad”.

FTM Fahrzeugkonzepte

5th Conference on Future Automotive Technology Focus Electromobility

Bayern Innovativ

03.-04.05.2016

2016

ja

Lehrstuhl für Fahrzeugtechnik

Hochschulbibliographie > 2016 > Fakultäten > Maschinenwesen > Lehrstuhl für Fahrzeugtechnik (Prof. Lienkamp)

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