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TECHNICAL INNOVATIONS FOR COMBATING ALCOHOL INTOXICATION ON THE ROADS

The article discusses technical innovations aimed at combating driving under the influence of alcohol. The main focus is on ignition lock (IID) breathalyzers, which are already successfully used in some countries, and systems for recognizing signs of alcohol intoxication, which are under development. Legal and ethical issues related to the use of these technologies are also discussed, including issues of liability, data protection and privacy of drivers. Despite the potential effectiveness of these technologies, their implementation faces a number of problems that require further discussion and solution. The article also examines the situation in the Republic of Sakha (Yakutia), where there are currently no plans to introduce systems that prevent driving under the influence of alcohol.

Keywords: alcohol intoxication, driving, technical innovations, alcohol meters with ignition switch, systems for recognizing signs of alcohol intoxication, legal issues, ethical issues, data protection, privacy of drivers, Republic of Sakha (Yakutia).

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