

Title (en)

AGENT CONVERSIONS IN DRIVING SIMULATIONS

Title (de)

MITTELUMWANDLUNGEN IN FAHRSIMULATIONEN

Title (fr)

CONVERSIONS D'AGENTS DANS DES SIMULATIONS DE CONDUITE

Publication

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Application

EP 22760226 A 20220217

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Abstract (en)

[origin: WO2022182561A1] Techniques are discussed herein for executing log-based driving simulations to evaluate the performance and functionalities of vehicle control systems. A simulation system may execute a log-based driving simulation including playback agents whose behavior is based on the log data captured by a vehicle operating in an environment. The simulation system may determine interactions associated with the playback agents, and may convert the playback agents to smart agents during the driving simulation. During a driving simulation, playback agents that have been converted to smart agents may interact with additional playback agents, causing a cascading effect of additional conversions. Converting playback agents to smart agents may include initiating a planning component to control the smart agent, which may be based on determinations of a destination and/or driving attributes based on the playback agent.

IPC 8 full level

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