Title (en)
SEGMENT-BASED DRIVER ANALYSIS AND INDIVIDUALIZED DRIVER ASSISTANCE

Title (de)
SEGMENTBASIERTE FAHRERANALYSE UND INDIVIDUALISIERTE FAHRERASSISTENZ

Title (fr)
ANALYSE DE CONDUCTEUR BASÉE SUR UN SEGMENT ET ASSISTANCE AU CONDUCTEUR INDIVIDUALISÉE

Publication
EP 4313711 A1 20240207 (DE)

Application
EP 22714449 A 20220318

Priority
• DE 102021203057 A 20210326
• EP 2022057188 W 20220318

Abstract (en)
[origin: WO2022200217A1] The intention is to be able to ensure driver assistance that is as individual as possible when driving on unknown routes. For this purpose, provision is made for a method for controlling a vehicle, in which geometric test data and driving-dynamics test data are obtained on a test route (1). The test data are divided into clusters, and cluster-specific driving-dynamics data are defined for each cluster. Finally, the route (2) to be driven is clustered and the vehicle is controlled in a route section (5) in accordance with the defined driving-dynamics data of the respective cluster.

IPC 8 full level
B60W 40/09 (2012.01); **B60W 30/02** (2012.01); **B60W 40/105** (2012.01); **B60W 40/107** (2012.01); **B60W 40/109** (2012.01); **B60W 40/114** (2012.01); **B60W 50/08** (2020.01)

CPC (source: EP US)
B60W 30/025 (2013.01 - EP); **B60W 40/09** (2013.01 - EP); **B60W 40/105** (2013.01 - EP); **B60W 40/107** (2013.01 - EP); **B60W 40/109** (2013.01 - EP); **B60W 40/114** (2013.01 - EP); **B60W 50/085** (2013.01 - EP); **B60W 60/001** (2020.02 - US); B60W 2050/0063 (2013.01 - EP); B60W 2050/0095 (2013.01 - EP); B60W 2520/10 (2013.01 - US); B60W 2520/105 (2013.01 - US); B60W 2552/05 (2020.02 - EP); B60W 2552/10 (2020.02 - US); B60W 2552/30 (2020.02 - EP US); B60W 2554/406 (2020.02 - US); B60W 2555/20 (2020.02 - EP US); B60W 2555/60 (2020.02 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102021203057 A1 20220929; CN 117120314 A 20231124; EP 4313711 A1 20240207; US 2024140481 A1 20240502; WO 2022200217 A1 20220929

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