

Title (en)
ROUTE PLANNING FOR AN AUTONOMOUS VEHICLE

Title (de)
ROUTENPLANUNG FÜR EIN AUTONOMES FAHRZEUG

Title (fr)
PLANIFICATION D'ITINÉRAIRE POUR UN VÉHICULE AUTONOME

Publication
EP 3468850 A4 20190724 (EN)

Application
EP 17813951 A 20170613

Priority

- US 201615182281 A 20160614
- US 201615182313 A 20160614
- US 201615182360 A 20160614
- US 201615182400 A 20160614
- US 201615182365 A 20160614
- US 2017037294 W 20170613

Abstract (en)
[origin: WO2017218563A1] Among other things, a determination is made of an ability of an autonomous vehicle to safely or robustly travel a road feature or a road segment or a route that is being considered for the autonomous vehicle as of a time or range of times. The route conforms to properties of stored road network information. The road feature or road segment or route is eliminated from consideration if the computer has determined that the road feature or road segment or route cannot be safely or robustly traveled by the autonomous vehicle. The determination by the computer is based on properties of the autonomous vehicle.

IPC 8 full level
B60W 30/09 (2012.01); **B60W 30/12** (2006.01); **G01C 21/00** (2006.01); **G01C 21/34** (2006.01); **G05D 1/00** (2006.01); **G08G 1/00** (2006.01)

CPC (source: EP US)
B60W 50/0097 (2013.01 - EP); **B60W 50/0205** (2013.01 - EP); **B60W 50/14** (2013.01 - EP); **B60W 60/0011** (2020.02 - EP); **G01C 21/3461** (2013.01 - EP US); **B60W 2050/0215** (2013.01 - EP); **B60W 2050/143** (2013.01 - EP); **B60W 2552/05** (2020.02 - EP US); **B60W 2552/15** (2020.02 - EP); **B60W 2552/30** (2020.02 - EP); **B60W 2552/35** (2020.02 - EP); **B60W 2554/00** (2020.02 - EP); **B60W 2554/20** (2020.02 - US); **B60W 2554/4026** (2020.02 - US); **B60W 2554/4029** (2020.02 - US); **B60W 2554/4041** (2020.02 - US); **B60W 2554/60** (2020.02 - US); **B60W 2555/20** (2020.02 - EP); **B60W 2556/50** (2020.02 - EP)

Citation (search report)

- [XII] WO 2014139821 A1 20140918 - VOLKSWAGEN AG [DE], et al
- [XI] US 9188985 B1 20151117 - HOBBS NICHOLAS KENNETH [US], et al
- [A] WO 2016031647 A1 20160303 - CLARION CO LTD [JP]
- [A] US 2013035849 A1 20130207 - SHEN SHI-XIANG [CN]
- See also references of WO 2017218563A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
US 2017037294 W 20170613; CN 201780049995 A 20170613; EP 17813951 A 20170613