

Title (en)  
AUTONOMOUS VEHICLE WITH MODULAR ARCHITECTURE

Title (de)  
AUTONOMES FAHRZEUG MIT MODULARER BAUWEISE

Title (fr)  
VÉHICULE AUTONOME À ARCHITECTURE MODULAIRE

Publication  
**EP 3515780 A1 20190731 (EN)**

Application  
**EP 16781619 A 20160929**

Priority  
US 2016054466 W 20160929

Abstract (en)  
[origin: WO2018063250A1] An architecture (206) for an autonomous vehicle uses a top-down approach to enable fully automated driving. The architecture (206) is modular and compatible with hardware from different manufacturers. Each modular component can be tailored for individual cars, which have different vehicle control subsystems and different sensor subsystems.

IPC 8 full level  
**B60W 30/09** (2012.01); **B60W 10/06** (2006.01); **B60W 10/184** (2012.01); **B60W 10/20** (2006.01); **B60W 30/095** (2012.01); **B60W 30/12** (2006.01); **B60W 30/16** (2012.01); **B60W 50/00** (2006.01); **B60W 50/04** (2006.01); **G05D 1/02** (2006.01)

CPC (source: EP US)  
**B60W 10/06** (2013.01 - EP); **B60W 10/184** (2013.01 - EP); **B60W 10/20** (2013.01 - EP); **B60W 30/09** (2013.01 - EP); **B60W 30/0953** (2013.01 - EP); **B60W 30/0956** (2013.01 - EP); **B60W 30/12** (2013.01 - EP); **B60W 30/16** (2013.01 - EP); **B60W 50/04** (2013.01 - EP); **B60W 60/0011** (2020.02 - US); **B60W 60/0027** (2020.02 - US); **B60W 2050/0006** (2013.01 - EP); **B60W 2554/00** (2020.02 - EP); **B60W 2554/4041** (2020.02 - US); **B60W 2556/50** (2020.02 - EP); **B60W 2556/65** (2020.02 - EP); **B60W 2710/0605** (2013.01 - EP); **B60W 2710/182** (2013.01 - EP); **B60W 2710/207** (2013.01 - EP); **B60W 2756/10** (2020.02 - EP)

Citation (search report)  
See references of WO 2018063250A1

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)  
**WO 2018063250 A1 20180405**; **WO 2018063250 A8 20180607**; EP 3515780 A1 20190731; JP 2019530609 A 20191024

DOCDB simple family (application)  
**US 2016054466 W 20160929**; EP 16781619 A 20160929; JP 2019517983 A 20160929