

Title (en)  
MOTOR VEHICLE

Title (de)  
KRAFTFAHRZEUG

Title (fr)  
VÉHICULE AUTOMOBILE

Publication  
**EP 3959702 A1 20220302 (DE)**

Application  
**EP 20731838 A 20200605**

Priority  
• DE 102019208788 A 20190617  
• EP 2020065727 W 20200605

Abstract (en)  
[origin: WO2020254128A1] The invention relates to a motor vehicle (100) having a positioning system for determining the position (and advantageously the orientation) of the motor vehicle (100). The motor vehicle (100) comprises a communication interface (24) for reading in an item of parking space information (PI) (via a wireless communication system), the item of parking space information (PI) comprising the position of the parking space and advantageously the size of the parking space. The motor vehicle (100) also comprises a tracking module (31) for determining the position of the parking space in relation to the position (and advantageously the orientation) of the motor vehicle (100) and an image generator (33) for determining the position of a virtual image component (VIRT) on a see-through display (6) (of the motor vehicle) on the basis of the position of the parking space in relation to the position (and advantageously the orientation) of the motor vehicle (100).

IPC 8 full level  
**G08G 1/14** (2006.01); **G01C 21/36** (2006.01); **G06K 9/00** (2022.01)

CPC (source: EP US)  
**B60W 50/14** (2013.01 - US); **G01C 21/365** (2013.01 - EP); **G01C 21/3685** (2013.01 - EP); **G06V 20/586** (2022.01 - EP);  
**G08G 1/143** (2013.01 - EP US); **G08G 1/144** (2013.01 - EP); **H04W 4/46** (2018.01 - US); **B60W 2050/146** (2013.01 - US);  
**B60W 2556/65** (2020.02 - US)

Citation (search report)  
See references of WO 2020254128A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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**DE 102019208788 A1 20201217**; CN 113994409 A 20220128; EP 3959702 A1 20220302; US 2022358840 A1 20221110;  
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