

Title (en)

AUTOMATED REVERSE IMPLEMENT PARKING

Title (de)

AUTOMATISIERTES RÜCKWÄRTSPARKEN EINES GERÄTES

Title (fr)

STATIONNEMENT À MISE EN ?UVRE INVERSE AUTOMATISÉE

Publication

EP 3863909 A1 20210818 (EN)

Application

EP 19765874 A 20190826

Priority

- US 201862742671 P 20181008
- US 2019048136 W 20190826

Abstract (en)

[origin: WO2020076427A1] A guidance system (120) identifies a parking path (204) and a target point (212) in a parking area (210). The guidance system (120) calculates steering commands (164) to steer the vehicle (100) and trailer (104) onto the parking path (204). The guidance system (120) calculates a distance of the trailer (104) from the target point (212) and calculates speed commands for the vehicle (100) based on the distance of the trailer (104) from the target point (212). The guidance system (120) sends the steering and speed commands to a steering and speed control system (166) to steer the vehicle (100) and move the trailer (104) along the parking path (204) until the trailer (104) reaches the target point (212) in the parking area (210).

IPC 8 full level

B62D 13/06 (2006.01); **B60W 30/06** (2006.01); **B62D 15/02** (2006.01)

CPC (source: EP)

B60W 30/06 (2013.01); **B62D 13/06** (2013.01); **B62D 15/0285** (2013.01)

Citation (search report)

See references of WO 2020076427A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020076427 A1 20200416; BR 112021006427 A2 20210706; CA 3113336 A1 20200416; EP 3863909 A1 20210818

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