Title (en)
METHOD FOR GUIDING A VEHICLE INTO A PARKING SPACE, AND PARKING ASSISTANCE DEVICE

Title (de)
VERFAHREN UND EINPARKHILFEEINRICHTUNG ZUM LENKEN EINES FAHRZEUGS IN EINE PARKLÜCKE

Title (fr)
PROCEDE POUR DIRIGER UN VEHICULE DANS UNE PLACE DE PARKING, ET DISPOSITIF D'AIDE AU STATIONNEMENT

Publication
EP 1827951 A2 20070905 (DE)

Application
EP 05850494 A 20051222

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Abstract (en)
[origin: WO2006069976A2] The invention relates to a method for reversing a vehicle into a parking space. According to said method, a nominal parking trajectory of the vehicle is determined by means of a control unit, and a steering angle for steerable wheels of the vehicle, which can be adjusted in order to drive into the parking space, is determined on the basis of the nominal parking trajectory. The inventive method is characterised in that the nominal parking trajectory ($Y_B(X)$) is determined on the basis of two reference trajectories ($y_{Lower}(x)$; $Y_{Upper}(x)$) according to a position of the vehicle. The reference trajectories ($y_{Lower}(x)$; $Y_{Upper}(x)$) represent parking trajectories for parking carried out from different starting points.

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Citation (search report)
See references of WO 2006069976A2

Citation (examination)
• WO 2005120932 A1 20051222 - BOSCH GMBH ROBERT [DE], et al
• EP 1468893 A2 20041020 - TOYOTA MOTOR CO LTD [JP], et al
• WO 2005005232 A1 20050120 - BOSCH GMBH ROBERT [DE], et al
• DE 102005006966 A1 20050929 - CONTINENTAL TEVES AG & CO OHG [DE]

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