

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE CLOSING MOVEMENT OF A CHASSIS COMPONENT FOR VEHICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STEUERN DER SCHLIESSBEWEGUNG EINES KAROSSERIEBAUTEILS FÜR FAHRZEUGE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE DU MOUVEMENT DE FERMETURE D'UN ÉLÉMENT DE CARROSSERIE DE VÉHICULES AUTOMOBILES

Publication

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Application

EP 06841413 A 20061218

Priority

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- DE 102005061610 A 20051221

Abstract (en)

[origin: WO2007071641A1] A method for controlling the closing movement of a chassis component closed by hand, for example a door, is disclosed for reducing the strain on closing said door. On the closing movement, starting from an opened position, the chassis component runs through a first set region in which the chassis component moves towards a closed position without action from a control body, then subsequent to the first region the chassis component runs through a second set region in which the closing movement of the chassis component is changed by action of the control body such that the residual kinetic energy of the chassis component does not exceed a threshold value after running through the second set region, independent of the initial speed. The residual kinetic energy is not sufficient for an independent closure of the chassis component. Therefore, the chassis component is automatically drawn in in a third set region subsequent to the second set region until a pre or main catch of a lock is reached. The invention further relates to a corresponding control device.

IPC 8 full level

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CPC (source: EP US)

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DE102013018628A1; US9484914B2; US10801245B2; WO2020113983A1

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