

Title (en)

OUTSIDE DOOR HANDLE AND METHOD FOR AUTOMATICALLY BLOCKING THE PIVOTAL MOTION OF AN OUTSIDE DOOR HANDLE IN THE EVENT OF A SIDE IMPACT

Title (de)

TÜRAUSSENGRIFF UND VERFAHREN ZUM AUTOMATISCHEN SPERREN DER SCHWENKBEWEGUNG EINES TÜRAUSSENGRIFFS BEI EINEM SEITENAUFPRALL

Title (fr)

POIGNEE EXTERIEURE DE PORTIERE ET PROCEDE DE BLOCAGE AUTOMATIQUE DU MOUVEMENT PIVOTANT D'UNE POIGNEE EXTERIEURE DE PORTIERE EN CAS DE CHOC LATERAL

Publication

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Application

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Abstract (en)

[origin: WO2005056955A1] The invention relates to an outside door handle for a closing device of a motor vehicle, comprising: a housing part (2) fastened to a door of the motor vehicle; a handle part (6), which is mounted in the housing part (2) in a manner that enables it to pivot about a shaft (4) and which serves to open the door, and; a blocking device the prevents the handle part (6) from moving in an opening direction in the event of a side impact upon the door. To this end, the invention provides that the blocking device consists of a mass element (10), which is pivotally mounted inside the housing part (2) and which, in the event of a side impact, executes a pivotal motion due to the inertia of masses, and consists of a blocking element (14), which is coupled to the mass element (10) and, for the duration of the deflection of the mass element (10), can be displaced in such a manner that the blocking element (14) temporarily prevents the handle part (2) from moving.

IPC 8 full level

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