

Title (en)  
HATCHBACK OF A MOTOR VEHICLE

Title (de)  
HECKKLAPPE EINES KRAFTFAHRZEUGS

Title (fr)  
HAYON D'UN VEHICULE AUTOMOBILE

Publication  
**EP 1729987 A1 20061213 (DE)**

Application  
**EP 05714884 A 20050120**

Priority  
• DE 2005000078 W 20050120  
• DE 102004003956 A 20040126

Abstract (en)  
[origin: WO2005070715A1] The invention relates to a hatchback of a motor vehicle, comprising at least one hatchback part which is pivotably mounted on the rear end of the vehicle by means of a pivot bearing device and which can be pivoted from a closed position upwards into an open position, wherein said pivot bearing device has on each side two pivoting levers (8, 9) in a four or multiple hinge arrangement that is hinged on the side of the body and in which the hatchback part (13) is hinged by means of a pivoting joint (15 or 16) . The pivoting joint (15) of the first pivoting lever (8) is at least temporarily fixed on the hatchback part (3) and the pivoting joint (16) of the second pivoting lever (9) is displaceably mounted in a guide (17) arranged in the hatchback part (3) relative to the first pivoting joint (15). A control device (19) controls the pivoting movement of the second pivoting lever (9) during opening and closing of the hatchback part (3) in such a way that the pivoting joint (16) of the second pivoting lever (9) causes the hatchback part (3) to pivot about the pivoting joint (15) of the first pivoting lever (8) as a result of the change of its position relative to the pivoting joint (15) of the first pivoting lever (8).

IPC 8 full level  
**B60J 5/10** (2006.01); **E05D 15/40** (2006.01); **E05F 17/00** (2006.01)

CPC (source: EP)  
**B60J 5/106** (2013.01); **E05D 15/408** (2013.01); **E05F 17/004** (2013.01); **E05Y 2900/546** (2013.01)

Citation (search report)  
See references of WO 2005070715A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005070715 A1 20050804**; DE 102004003956 A1 20050818; DE 102004003956 B4 20060524; EP 1729987 A1 20061213

DOCDB simple family (application)  
**DE 2005000078 W 20050120**; DE 102004003956 A 20040126; EP 05714884 A 20050120