

Title (en)
MOTOR VEHICLE DOOR HINGE

Title (de)
KRAFTWAGENTÜRSCHARNIER

Title (fr)
CHARNIERE DE PORTE DE VEHICULE AUTOMOBILE

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Application
EP 02740256 A 20020412

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Abstract (en)
[origin: WO02084058A1] The invention relates to a motor vehicle door hinge comprised of a first hinge part (2), a second hinge part (3), a shaft section (4), which joins a hinge eye (10) of the first hinge part (2) and a hinge eye (17) of the second hinge part (17) to one another in an articulated manner, and of a door arrester unit (25), which produces a holding force that is to be surmounted by tensioning a spring unit (32). Preferred holding angles of the door arrester unit (25) are stipulated by detent markings. The aim of the invention is to create a motor vehicle door hinge that can be economically produced and mounted. To this end, the hinge parts (2, 3) are provided in the form of U-shaped sheet metal shaped parts with hinge eyes (10, 11; 17, 18) that are placed in limbs (6, 7; 15, 16) of the hinge parts (2, 3), and the shaft section (4) is prevented from rotating with the one (26) of the cam disk (30) and detent disk (26) that is subjected to the action of the spring unit (32), whereas the other (30) of the cam disk (30) and detent disk (26) is joined in a non-rotatable manner to the hinge part (3) in which the shaft section can rotate.

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Citation (search report)
See references of WO 02084058A1

Citation (examination)
• DE 29617518 U1 19961212 - LUNKE & SOHN AG [DE]
• GB 709652 A 19540602 - CHARLES JOHN KENNY

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