

Title (en)

Motor vehicle door lock

Title (de)

Kraftfahrzeugtürverschluss

Title (fr)

Fermeture de porte de véhicule automobile

Publication

EP 2865828 B1 20170809 (DE)

Application

EP 15150556 A 20130315

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Abstract (en)

[origin: WO2013143875A1] The invention relates to a motor vehicle door lock (1), comprising a rotary latch (4) that in a locking position encompasses a locking element (2) and that is pre-tensioned in the direction of an open position releasing the locking element (2), a pawl (7) that, in an engagement position with the rotary latch (4), is engaged in such a manner that the rotary latch (4) is inhibited from moving in the direction of the open position, and a drive element (11), by means of which a coupling section (18) of the pawl is coupled in terms of movement and which moves the pawl (7) between an engagement position and a release position in which the pawl (7) is not engaged with the rotary latch (4), so that the rotary latch (4) can move in the direction of the open position. The invention aims at creating a solution by means of which a reliably working motor vehicle door lock having a compact design is provided both in a simple manner in terms of design and cost-effectively, said motor vehicle door lock being able to make do with a motor operating on a low energy level. This is achieved in that force is applied to the pawl (7) only in the engagement position thereof and the force application holds the pawl (7) in engagement with the rotary latch (4).

IPC 8 full level

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CPC (source: CN EP US)

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Cited by

CN111321959A; DE102017113539A1; WO2017137116A1

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