

Title (en)

Motor vehicle lock

Title (de)

Kraftfahrzeugschloß

Title (fr)

Serrure de véhicule automobile

Publication

EP 2108770 B1 20160608 (DE)

Application

EP 09003446 A 20090310

Priority

DE 202008005016 U 20080410

Abstract (en)

[origin: EP2108770A2] The lock has a lock mechanism for a latch (1) and a ratchet (2), where the lock is brought in different lock conditions. A detection device (3) is provided for determining the actual lock condition. A spring elastic bendable wire or a strip bending element (4) i.e. reset spring, is assigned to the lock mechanism, where the bending element is designed as a leg spring, spiral spring, helical compression spring, leaf spring or as tilting spring. Deflection of the bending element is determined with the detection device to infer the actual lock condition.

IPC 8 full level

E05B 81/66 (2014.01); **E05B 15/04** (2006.01); **E05B 85/26** (2014.01)

CPC (source: EP)

E05B 81/66 (2013.01); **E05B 85/26** (2013.01); **E05B 2015/0496** (2013.01)

Cited by

DE102013016055A1; US2018291656A1; CN111989451A

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 202008005016 U1 20090813; EP 2108770 A2 20091014; EP 2108770 A3 20110713; EP 2108770 B1 20160608

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