

Title (en)  
Motor vehicle lock

Title (de)  
Kraftfahrzeugschloß

Title (fr)  
Serrure de véhicule automobile

Publication  
**EP 2108770 A3 20110713 (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 65/20** (2006.01); **E05B 65/32** (2006.01); **E05B 65/36** (2006.01)

CPC (source: EP)  
**E05B 81/66** (2013.01); **E05B 85/26** (2013.01); **E05B 2015/0496** (2013.01)

Citation (search report)

- [XY] DE 102004030902 A1 20060119 - KIEKERT AG [DE]
- [XY] DE 19632995 A1 19980219 - KIEKERT AG [DE]
- [A] DE 7712479 U1 19770818
- [AD] DE 10330194 A1 20050120 - BROSE SCHLIESSSYSTEME GMBH [DE]
- [AD] DE 102005049304 A1 20060427 - BROSE SCHLIESSSYSTEME GMBH [DE]

Cited by  
CN111989451A; DE102013016055A1; US2018291656A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 202008005016 U1 20090813**; EP 2108770 A2 20091014; EP 2108770 A3 20110713; EP 2108770 B1 20160608

DOCDB simple family (application)  
**DE 202008005016 U 20080410**; EP 09003446 A 20090310