

Title (en)
Motor vehicle lock

Title (de)
Kraftfahrzeugschloß

Title (fr)
Serrure de véhicule automobile

Publication
EP 2133495 B1 20121114 (DE)

Application
EP 09003443 A 20090310

Priority
• DE 202008007673 U 20080609
• DE 102008036356 A 20080805

Abstract (en)
[origin: EP2133495A2] The lock has a pawl manually or automatically lifted by an actuating mechanism (1) in an actuation process. A crash lock (2) brakes or blocks an automatic actuation process, which is caused by crash acceleration, during crash of a motorvehicle. The crash lock includes a spring element (4), which is fixedly mounted in a bearing point (5). The spring element supports a lock mass (3) at a point, which is separate from the bearing point, so that the lock mass is displaceable against reset force of the spring element by the crash acceleration. The spring element is made of plastic composite.

IPC 8 full level
E05B 65/12 (2006.01); **E05B 77/54** (2014.01)

CPC (source: EP)
E05B 77/06 (2013.01)

Cited by
EP2636827A3; EP3418478A1; CN109113460A; US11318892B2; US11466479B2; US11608660B2; US11885171B2

Designated contracting state (EPC)
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