

Title (en)
Lock with a rotary latch

Title (de)
Schloss mit einer Drehfalle

Title (fr)
Serrure avec un loquet rotatif

Publication
EP 1619329 A1 20060125 (DE)

Application
EP 05013194 A 20050618

Priority
DE 102004031266 A 20040629

Abstract (en)
Lock has a latch (1) with a hole (3) for a locking pin (4) situated between a fixed limb (5) and a locking limb (6). Both limbs work together to turn the latch into a closing position, in which a spring-loaded closing link (9) falls into place in front of a support shoulder (10) on the latch. A spring piece (12) loads the locking pin against the side next to the hole and acts to narrow this hole. When the locking pin is pushed into the hole the spring piece is tensioned by the locking pin.

IPC 8 full level
E05B 65/32 (2006.01)

CPC (source: EP)
E05B 77/38 (2013.01); **E05B 77/40** (2013.01); **E05B 85/26** (2013.01)

Citation (search report)

- [XA] DE 10058044 A1 20020606 - BAYERISCHE MOTOREN WERKE AG [DE]
- [XD] DE 3825594 A1 19900222 - DAIMLER BENZ AG [DE], et al
- [A] DE 19824466 A1 19991202 - VOLKSWAGEN AG [DE]

Cited by
DE102006028423A1; US2021355717A1; US11993963B2; EP3238981A1; WO2008046409A1; US11802424B2; WO2019238168A1; EP2031164B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1619329 A1 20060125; DE 102004031266 A1 20060119

DOCDB simple family (application)
EP 05013194 A 20050618; DE 102004031266 A 20040629