

Title (en)
LOCKING DEVICE, ESPECIALLY FOR MOTOR VEHICLE LOCKING

Title (de)
VERSCHLUSSVORRICHTUNG FÜR INSBESONDERE AN KRAFTFAHRZEUGEN VOLLZIEHBARE SCHLIESSFUNKTIONEN

Title (fr)
SERRURE PERMETTANT NOTAMMENT D'EXECUTER DES FONCTIONS DE VERROUILLAGE SUR DES VEHICULES AUTOMOBILES

Publication
EP 0755476 A1 19970129 (DE)

Application
EP 95913081 A 19950310

Priority

- DE 4412609 A 19940413
- EP 9500895 W 19950310

Abstract (en)
[origin: US5775147A] PCT No. PCT/EP95/00895 Sec. 371 Date Dec. 18, 1996 Sec. 102(e) Date Dec. 18, 1996 PCT Filed Mar. 10, 1995 PCT Pub. No. WO95/28540 PCT Pub. Date Oct. 26, 1995The invention is directed to a locking device with a locking cylinder which is formed of a cylinder guide and a cylinder core which is rotatably supported therein. When the key is withdrawn, the cylinder core is locked with the cylinder guide via spring-loaded tumblers. The cylinder guide is rotatably supported in the housing, but is fixed with respect to rotation therein via a catch when the key is rotated. When the key is inserted, the rotation of the cylinder core is transmitted, via a radially spring-loaded and radially displaceable radial slide, to a driver performing the locking functions in the lock. The catch has a push-rod by means of which the spring-loaded radial slide can be controlled so that the transmission of torque to the driver is interrupted when the locking cylinder is forcibly rotated. In a suggestion for a compact construction of the device with the fewest components possible, the radial slide is guided radially in the driver so that it is fixed with respect to rotation relative to the driver. Coupling faces are provided between the radial slide and the cylinder core and stop faces are provided between the radial slide and the housing. The radial slide is controlled such that it engages either with the coupling faces or with the stop faces of the housing.

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Citation (search report)
See references of WO 9528540A1

Cited by
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DE ES FR GB IT NL SE

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US 5775147 A 19980707; AU 2068495 A 19951110; AU 682104 B2 19970918; BR 9507376 A 19970930; DE 4412609 A1 19951019; DE 59505782 D1 19990602; EP 0755476 A1 19970129; EP 0755476 B1 19990428; ES 2130605 T3 19990701; JP 3693065 B2 20050907; JP H10500744 A 19980120; WO 9528540 A1 19951026

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