

Title (en)
An interchangeable cylinder lock system

Title (de)
Wechselzylindersystem

Title (fr)
Système à barrillets interchangeables

Publication
EP 2623693 A3 20170510 (DE)

Application
EP 13152479 A 20130124

Priority
DE 202012100370 U 20120203

Abstract (en)
[origin: CA2804422A1] An interchangeable cylinder system (1) for furniture locks, comprising - a cylinder housing (2); - a lock cylinder (3) which can be inserted into and withdrawn from the cylinder housing (2) from a face side (22) thereof and which can be twisted between an opening position and a closing position in the cylinder housing (2) about a longitudinal axis (L) of the lock cylinder (3) and the cylinder housing (2); - with the lock cylinder (3) comprising a collar (31) which protrudes radially to the longitudinal axis (L) of the lock cylinder (3) beyond the jacket surface (33) of the lock cylinder (3) and comprises an opening (36) into which a rod-like unlocking element (6) can be inserted; - with the jacket surface (33) of the lock cylinder (3) comprising an annular groove (35) into which a locking element (4) engages for securing the lock cylinder (3) in the cylinder housing (2); - with an axial stop (21) being integrally attached in the interior of the cylinder housing (2), through which a base region (34) of the locking cylinder (3) extends which is remote from the collar (31); wherein the locking element (4) is arranged as a platelet which encloses the jacket of the lock cylinder (3) and which rests in a recess (23) which is provided on a side of the axial stop (21) which faces away from the collar (31); - with the locking element (4) being held in a spring-loaded manner in a locked position which engages into the annular groove (35) and being displaceable by the unlocking element (6) against the spring load out of the annular groove (35) into a release position in which the lock cylinder (3) can be removed from the cylinder housing (2).

IPC 8 full level
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Y10T 70/7661 (2015.04 - EP US)

Citation (search report)
• [A] DE 4008649 A1 19910919 - HUWIL WERKE GMBH [DE]
• [A] US 2009158794 A1 20090625 - LO TSUNG-I [CN]
• [A] US 1761092 A 19300603 - SHINN WILLIAM C
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Designated contracting state (EPC)
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Designated extension state (EPC)
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EP 2623693 A2 20130807; EP 2623693 A3 20170510; EP 2623693 B1 20191002; ES 2763392 T3 20200528; PL 2623693 T3 20200331;
US 2013199253 A1 20130808; US 9085917 B2 20150721

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