

Title (en)

CYLINDER LOCK AND KEY LOCKING SYSTEM, A CYLINDER LOCK AND A KEY

Title (de)

ZYLINDERSCHLOSS UND SCHLÜSSELVERRIEGELUNGSSYSTEM, ZYLINDERSCHLOSS UND SCHLÜSSEL

Title (fr)

SERRURE À BARILLET ET SYSTÈME DE VERROUILLAGE DE CLÉ, SERRURE À BARILLET ET CLÉ

Publication

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Application

EP 22166743 A 20220405

Priority

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Abstract (en)

The invention relates to a locking system of a cylinder lock and a shank of a key with at least one disc tumbler (3) with a central opening (20a) to receive the shank (5) of the key. The tumbler (3) is rotatable about the longitudinal axis (O) and is provided with at least one coding projection (2000) and with at least one coding cut-out (30) for a latch (40). The shank (5) is formed by a longitudinal plate-shaped body with at least one coding surface (50) to interact with a coding projection (2000) for rotation of the tumbler (3). At least one coding surface (50) is formed by a coding surface (50a) displaced in the direction (T) of the width of the shank (5) at a distance ($\Delta T_{₅}$) from the edge surface (523) of the shank (5) and the at least one coding cut-out (30) is formed by a coding cut-out (30a) shifted by an angle ($\Delta \alpha_{₃}$) relative to the position for cooperation with the coding surface (50) on the edge surface (523) of the shank (5). The invention also relates to a cylinder lock with this locking system and a key for this locking system and this cylinder lock.

IPC 8 full level

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Citation (applicant)

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- CZ 2010879 A3 20120314 - TOKOZ AS [CZ]
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Citation (search report)

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- [A] EP 0488619 A1 19920603 - ABLOY SECURITY LTD OY [FI]
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