

Title (en)

LOCK CYLINDER AND MATCHING KEY

Title (de)

SCHLIESSZYLINDER MIT PASSENDEM SCHLÜSSEL

Title (fr)

CYLINDRE DE FERMETURE PRÉSENTANT UNE CLÉ ADAPTÉE

Publication

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Application

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Abstract (en)

[origin: CA2767136A1] The invention relates to a lock cylinder comprising: a cylinder core (2) having a key channel (7) for inserting a key (5) which is provided with profiling (18); at least one feeler element (9) which is disposed in the cylinder core (2), is acted on by a spring (8) and is held in a blocking position by the spring (8) when the key (5) is not inserted in the key channel (7); and a blocking element (13) which, when the feeler element (9) is in the blocking position, is held in a blocking position which blocks rotation of the cylinder core (2), it being possible for the feeler element (9) to be shifted against the return force of the spring (8) into a release position by the profiling (18) on the matching key (5) inserted into the key channel (7), in which position the locking element (13) can be deflected into a position releasing the cylinder core (2). In order to enable said lock cylinder to lock more securely, the feeler element (9) comprises a feeler arm (10) for feeling the profiling (18), which feeler arm (10) protrudes radially from a shaft (11) rotatably supported in the cylinder core (2) and which feeler arm (10), when the matching key (5) is inserted, is acted upon such that the shaft (11) rotates about the axis thereof into the release position. The invention further relates to a locking device consisting of a lock cylinder and a matching key.

IPC 8 full level

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