

Title (en)

FLAT KEY CYLINDER LOCK WITH ANTI-BURGLAR FEATURES, PARTICULARLY FOR USE WITH MASTER KEY LOCKING SYSTEMS

Publication

EP 0161654 B1 19900314 (EN)

Application

EP 85105836 A 19850513

Priority

IT 346884 A 19840517

Abstract (en)

[origin: EP0161654A2] The present invention relates to a lock of the cylinder type, actuatable with a flat key, with antiburglar features. The cylinder lock comprises a plug (2) and auxiliary pins (9) which are disposed in seats (5), provided on the plugs (2) and arranged laterally to the channel (3) of introduction of the key. On introducing the key into the lock the pins (9) are displaced from their seats (5) such that, when the key is not the right one, they will engage into recesses (7) on the outer casing (1) of the lock, thus inhibiting rotation of the plug (2). By intervening on the pins it is also possible to obtain a set of hierarchically different locks for fabricating master key systems.

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP2905403A3; DE102004021580B3; US5079936A; US6526791B2; GB2387413A; GB2387413B; SE2350935A1; US8261587B2; WO02068780A1; US8746025B2; US8915107B2; WO2009147677A1; WO9725501A1; US11613909B1; US11536047B1; EP1593800A2; US11542724B1; WO2024041846A1

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