

Title (en)
Lock cylinder

Title (de)
Schliesszylinder

Title (fr)
Barillet de serrure

Publication
EP 0892130 A2 19990120 (EN)

Application
EP 98305619 A 19980715

Priority
GB 9715114 A 19970718

Abstract (en)
A key-operable lock cylinder (2) comprises a rotor (4), a stator (6), a keyway (10) extending axially into the rotor (4) and a plurality of locking pins (16, 16'). The rotor (4) is mounted within the stator (6) for rotation about its axis and a plurality of transverse passageways (12) extend through the rotor (4) and the stator (6) and intersect the keyway (10). A pair of the locking pins (16, 16') are slidably mounted in each passageway (12) and the locking pins (16, 16') of a pair are resiliently biased so as to be in mutual abutment within the keyway (10) by a biasing means associated with each locking pin (16, 16'), such that one locking pin (16, 16') of each pair projects across an interface (22) between the rotor (4) and stator (6) so as to prevent rotation of the rotor (4). In use, when a complementary key (30) is inserted in the keyway (10), the locking pins (16, 16') are movable by the key (30) such that all the locking pins (16, 16') become located entirely within the rotor (4), so as to permit rotation of the rotor (4) (Fig 2). <IMAGE>

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Cited by
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