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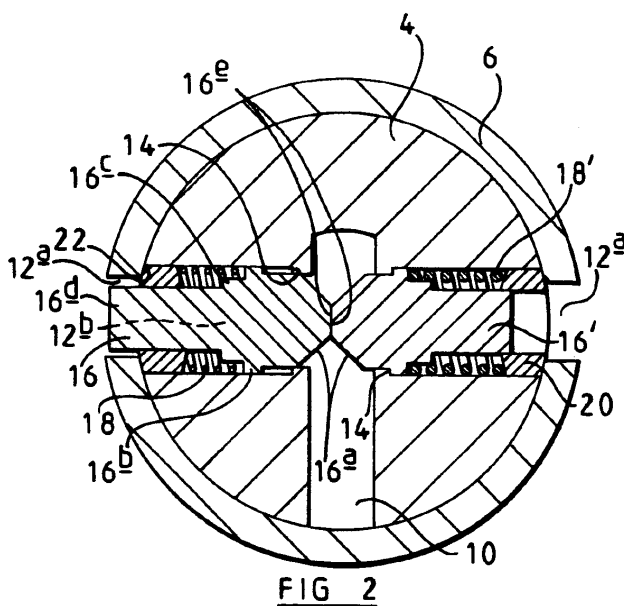
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(54) Lock cylinder

(57) 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).



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EUROPEAN SEARCH REPORT

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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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