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(54) **Cylinder lock**

(57) A cylinder lock (10), comprising:

- a stator (11),
- a cylindrical rotor (12) for the actuation of the bolt, which is accommodated rotatably within the stator (11) and in which a slot (13) for the insertion of a key (14) for the operation of the lock is formed,
- coding pins (15) and driver pins (16) for blocking the rotation of the rotor (12) within the stator (11), which can slide within radial holes (17a, 17b) provided correspondingly within the rotor (12) and within the stator (11),
- elastic means (18) for pushing the coding pins (15)

against an internal wall (19) of the slot (13), which faces the holes (17a, 17b), the elastic means (18) being further adapted to align the coding pins (15) and the driver pins (16) to allow the rotation of the rotor (12) within the stator (11) when one key (14) having a predefined profile for opening the lock is inserted in the slot (13),

- at least one pusher (20), which is accommodated in at least one first hole (21) of the holes (17a, 17b) and defines a safety position for at least one first pin (22) of the coding pins (15), in which the first coding pin (22) is spaced from the wall (19) even when no key (14) is inserted in the slot (13).

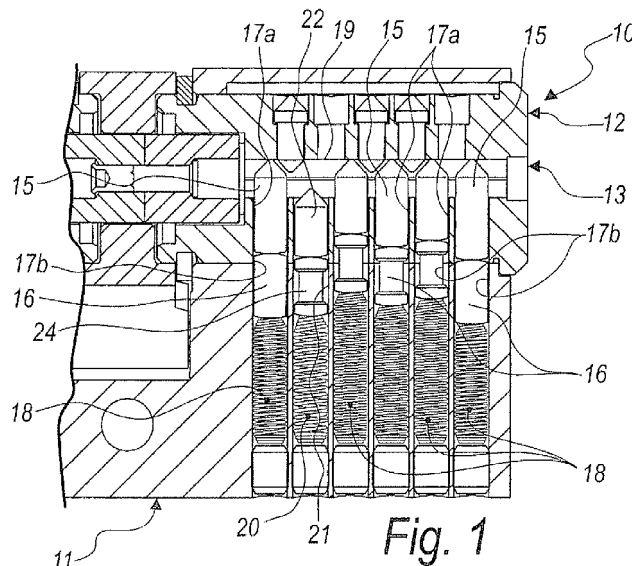


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 09 15 5655

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Place of search The Hague		Date of completion of the search 11 January 2013	Examiner Robelin, Fabrice
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