

Title (en)

Cylinder lock with rotor and stator, and key therefor

Title (de)

Zylinderschloss mit einem Rotor und einem Stator, und entsprechendem Schlüssel

Title (fr)

Verrou cylindrique muni d'un rotor et d'un stator et clé pour un tel verrou

Publication

EP 0591036 B1 19970827 (FR)

Application

EP 93402354 A 19930927

Priority

FR 9211579 A 19920929

Abstract (en)

[origin: EP0591036A1] Lock including a stator (10, 101, 201) and a rotor (12, 104, 204) mounted in the said stator (10, 101, 201), the said rotor (12, 104, 204) being equipped with a housing (25, 105, 205) intended to receive a key (108, 208) designed to interact with barring elements (26, 127, 227) designed to lock the said rotor (12, 104, 204) with respect to the said stator (10, 101, 201) when the key (108, 208) is not put into the said housing (25, 105, 205) and to render the rotor (12, 104, 204) free to turn with respect to the said stator (10, 101, 201) when the key is placed into the said housing (25, 105, 205), the housing (25, 105, 205) of the rotor (12, 104, 204) is a cylindrical axial bore of non-circular cross-section, in which there extend the barring elements (26, 127, 227), at least two of which are in the same plane perpendicular to the axis (102, 202) common to the rotor (12, 104, 204) and to the stator (10, 101, 201), the said key (108, 208) being cut with a circumferential peripheral groove (110, 210) bounded internally by a bottom (111, 211) with which the at least two barring elements (26, 127, 227) are made to cooperate when the key (108, 208) is placed into the housing (25, 105, 205) of the rotor (12, 104, 204). <IMAGE>

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