

Title (en)
Locking system

Title (de)
Schliesssystem

Title (fr)
Système de verrouillage

Publication
EP 1063372 A3 20010207 (DE)

Application
EP 99126241 A 19991231

Priority
ES 9901401 A 19990623

Abstract (en)
[origin: EP1063372A2] The closure system has a closing cylinder and a flat key. The closing cylinder has a stator (4) in which turns a rotor (5) with a key-duct. The stator and rotor have tumbler pins (81,91). The rotor's first movable tumbler pin (6) aligned with a first tumbler pin of the stator has, at its front end, a coaxial cylindrical protuberance (66). The protruding end has a smooth end surface (661) which cooperates with the tip of a conical head (21) of a movable element held in a seating (32) of the key shaft (3). The shaft has two narrow and two main surfaces. At least one of the main surfaces contains active recesses forming the combination relating to the conical head (75) of the second movable pins (7) aligned with the stator's movable tumbler pins (91) pre-tensioned by a spring (92).

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E05B 27/00; **E05B 19/08**

IPC 8 full level
E05B 27/10 (2006.01); **E05B 35/00** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)
E05B 35/003 (2013.01); **E05B 27/0021** (2013.01)

Citation (search report)
• [XA] FR 2492872 A1 19820430 - VACHETTE SA [FR]
• [DXA] ES 2117489 A1 19980801 - TALLERES ESCORIAZA SA [ES] & GB 2277774 A 19941109 - TALLERES ESCORIAZA SA [ES]
• [A] EP 0436496 A1 19910710 - BKS GMBH [DE]

Cited by
DE10058590C1; EP4119749A1; DE10330883B4; EP3872283A1; IT202000003844A1

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