

Title (en)

IMPROVED HIGH SECURITY AXIAL PIN TUMBLER LOCK.

Title (de)

VERBESSERTES HOCHSICHERHEITSSCHLOSS MIT AXIALEN STIFTZUHALTUNGEN.

Title (fr)

SERRURE DE GRANDE SECURITE A GACHETTE A GOUPILLES AXIALES.

Publication

EP 0521854 A4 19921105 (EN)

Application

EP 90916176 A 19900517

Priority

US 49532890 A 19900319

Abstract (en)

[origin: WO9114843A1] An improved, highly pick-resistant axial pin tumbler lock construction incorporating a composite tumbler sleeve assembly made up of at least two limitedly rotatable or floating plates (15b, 15c) and the stationary tumbler sleeve portion (15a) which by virtue of providing a potential rotation as much as 1/2 the arcuate distance between pin bore centers of the floating plates provides false shear planes that preclude tight and loose feels when manipulating driver pins (25) in an attempted picking operation. In the preferred embodiment at least one pin column has at least three pin segments and the floating plates are incorporated with the construction of Johnson U.S. Patent No. 802,354 to provide the highest degree of pick resistance.

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E05B 27/00

IPC 8 full level

E05B 27/08 (2006.01)

CPC (source: EP)

E05B 27/083 (2013.01)

Citation (search report)

- [A] US 3783660 A 19740108 - GILL V
- [A] US 4858456 A 19890822 - MCGEE SR RODNEY M [US]
- [A] US 1718130 A 19290618 - ERNST FRISCHMUTH
- See references of WO 9114843A1

Designated contracting state (EPC)

DE GB NL

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