

Title (en)

Sliding bar lock with closing cylinder.

Title (de)

Treibstangenschloss mit Schliesszylinder.

Title (fr)

Serrure à barres coulissantes avec cylindre de fermeture.

Publication

**EP 0091517 A1 19831019 (DE)**

Application

**EP 82112089 A 19821229**

Priority

DE 3213454 A 19820410

Abstract (en)

1. A connecting-rod lock having a lock cylinder (32) which is embraced by a toothed rim (29) which has a radially directed gap (30) in which the locking toe of the lock cylinder engages and the external teeth on which mesh with a rack and-pinion drive (18, 24, 25, 26) for the movement of the connecting-rods (19, 20) and of the bolt (15) which locks in two turns, the lock cylinder (32) having a control shoulder (35) for the actuation of a changeover lever (36, 38) which upon rotary motion of the toothed rim (29) pointing in the locking direction is displaced out of the path of motion of the control shoulder (35) by a pin (43) in the bolt engaging in an opening (42) in the changeover lever, characterized in that there is associated with the engagement between the pin (43) and the opening (42) in the changeover lever a free travel lying in the direction of motion of the bolt (15) of about the size of one turn of the bolt.

Abstract (de)

Treibstangenschloß mit Schließzylinder, welcher von einem Zahnkranz (29) umfaßt ist, dessen Außenverzahnung mit einem Zahntrieb zur Steuerung der Treibstangen (19,20) und des zweitourig schließenden Riegels kämmt und welcher eine Steuerschulter besitzt zur Betätigung eines Wechselhebels, und schlägt zur Erzielung eines zweitourigen Vorschließens bei geringem Dornmaß vor, daß dem Eingriff zwischen Zapfen (43) und Wechselhebel-Öffnung (42) ein in Bewegungsrichtung des Riegels (15) liegender Freigang von etwa der Größe einer Riegeltour zugeordnet ist.

IPC 1-7

**E05C 9/04**

IPC 8 full level

**E05C 9/02** (2006.01); **E05C 9/04** (2006.01)

CPC (source: EP)

**E05C 9/023** (2013.01)

Citation (search report)

- [A] DE 3008043 A1 19811015 - SIEGENIA FRANK KG [DE]
- [A] DE 3034764 A1 19820325 - GRETSCH UNITAS GMBH [DE]
- [A] DE 2919201 A1 19801127 - FLIETHER FA KARL

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EP0972900A3; EP0581338A3; EP0816608A3; AT513464A1; AT513464B1; FR2821381A1; FR2821380A1; WO2008135964A1

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