

Title (en)
Lock with actuating bars.

Title (de)
Treibstangenschloss.

Title (fr)
Crémone.

Publication
EP 0325215 A2 19890726 (DE)

Application
EP 89100739 A 19890117

Priority
DE 3801235 A 19880118

Abstract (en)
In an espagnolette lock, the espagnolette is moved from a lock cylinder via a reduction gear between an opening position and closing position and vice versa. There is provided a coupling of the reduction gear to the espagnolette which makes it possible during the rotation of the lock cylinder through 2 x 360 DEG , to displace the espagnolette from the opening position into the closing position and to block the espagnolette in the closing position against displacement, without the blocking forces introducing a torque into the reduction gear and therefore the lock cylinder. <IMAGE>
The door lock has a cylinder (10) which is rotated by a key. The cylinder has an attached gear wheel which drives two pinions. The first pinion (12) rotates a lever (38) with a slotted end, which engages a pin (40) attached to the bolt (18) so that, as the key is rotated in the lock, the bolt is driven into the locked position by a connecting rod (16). The second pinion (12') drives a gear train which rotates a cam with two projections (24, 24'). The latter engage recesses (26, 26') in the sliding connecting rod. The latter forms part of a long flat bar which actuates other locks attached to the door.

Abstract (de)
Bei einem Treibstangenschloß wird die Treibstange (16) von einem Schließzylinder (1) aus über ein Untersetzungsgetriebe zwischen einer Öffnungsstellung und einer Schließstellung und umgekehrt bewegt. Es wird eine Ankopplung des Untersetzungsgetriebes an die Treibstange vorgeschlagen, welche es erlaubt, bei Drehung des Schließzylinders um 2 x 360° die Treibstange von der Öffnungsstellung in die Schließstellung zu verschieben und die Treibstange in der Schließstellung gegen Verschieben zu blockieren, ohne daß durch die Blockierkräfte ein Drehmoment in das Untersetzungsgetriebe und damit den Schließzylinder eingeleitet wird.

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E05C 9/02

IPC 8 full level
E05C 9/02 (2006.01); **E05B 15/00** (2006.01); **E05B 17/20** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)
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Cited by
CN109339586A; EP0633379A3; AU783573B2; CN111608492A; CN113482452A; EP1505232A1; DE10335916A1; EP2060714A3; CN109750908A; US2010123320A1; US8523247B2; GR20150100170A; GR1009037B; CN109681034A; CN109681032A; CN114109139A; CN115467588A; EP0964124A1

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