

Title (en)
LOCK WITH ACTUATING BARS

Publication
EP 0325215 B1 19930825 (DE)

Application
EP 89100739 A 19890117

Priority
DE 3801235 A 19880118

Abstract (en)
[origin: EP0325215A2] 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>
[origin: EP0325215A2] 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.

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E05C 9/02

IPC 8 full level
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CPC (source: EP)
E05C 9/023 (2013.01); **E05B 15/004** (2013.01); **E05B 17/2034** (2013.01); **E05C 9/1875** (2013.01)

Cited by
CN109339586A; EP0633379A3; AU783573B2; CN113482452A; EP1505232A1; DE10335916A1; EP2060714A3; CN109750908A; US2010123320A1; US8523247B2; GR20150100170A; GR1009037B; CN109681034A; CN109681032A; CN114109139A; CN115467588A; EP0964124A1

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