

Title (en)  
LOCK WITH ACTUATING BARS

Publication  
**EP 0325215 A3 19900523 (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.

IPC 1-7  
**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)  
**E05C 9/023** (2013.01); **E05B 15/004** (2013.01); **E05B 17/2034** (2013.01); **E05C 9/1875** (2013.01)

Citation (search report)  
• [AD] EP 0168001 A2 19860115 - WINKHAUS FA AUGUST [DE]  
• [A] FR 2403440 A1 19790413 - LAPERCHÉ SA [FR]

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

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