

Abstract

The present invention discloses a cylinder and a control component and relates to the field of locks, comprising two mirror-symmetric cylinder mechanisms (B) which jointly drive a latchbolt control ring (1), wherein the cylinder mechanisms (B) comprise an electric locking ring (2, 9) and a control pillar (8, 11), wherein each of the two control pillars (8, 11) is equipped with a first control pin (71) and a second control pin (72), wherein the first control pin (71) and the second control pin (72) circulates around the rotatable shaft (81), wherein the rotation direction, in which the first control pins (71) controls the latchbolt control ring (1) to unlatch, corresponds to the rotation direction, in which the second control pin (72) controls the latchbolt control ring (1) to unlatch. The present invention enables equal operations on both sides of a door, and that the separate operation on both sides of the door does not interfere with each other. Furthermore, only one cylinder is required, which simplifies the structure and a single motor realizes a not-interfered alternating output on both sides of the door.

FIG. 4 for publication