PATENT CLAIMS

1. A rotary cylinder lock (2) and key (1) comprising a key grip (3) and

a key shank (4) which adjoins the key grip (3) and extends along a longitudinal axis (L),

wherein the key shank (4) comprises, on the outer side (5) thereof, control recesses (10), in particular control bores, for positioning tumblers on the rotary cylinder lock (2), and at least one control element (6) arranged movably in the key shank (4), which control element (6) has a control surface (8) cooperating with a tumbler (7) of the rotary cylinder lock (2), characterized

in that the key shank (4), in the region of the control element (6), has a tapered cross section (9) which is tapered in relation to the cross section (11) with the control recesses (10),

and in that the rotary cylinder lock (2) comprises a stator (17),

a rotor (18) mounted rotatably in the stator (17), with a key channel (23), and

at least one tumbler (7) cooperating with the control element (6),

wherein the tumbler (7) comprises a stator pin (20) mounted in the stator (17) and a rotor pin (21) mounted in the rotor (18), wherein rotor pin (21) and stator pin (20) are positionable from a blocking position to a release position by the control element (6), and wherein, in the blocking position, the rotor pin (21) preferably projects into the key channel (23),

wherein the rotor pin (21) is mounted movably in a guide sleeve (24) which projects into the key channel (23), which guide sleeve (24) is fixedly connected to the rotor (18) and cooperates with the tapered region (9).

2. The rotary cylinder lock as claimed in claim 1, characterized in that, during the introduction movement of the key (1) into the rotary cylinder lock (2), the control element (6) cooperates with the guide sleeve (24), in particular via a control edge (15), and is thereby movable to the height of the tapering (9, 31).