The above-described operation can be arranged on both sides of the door, because there are drivers on both sides of the follower. People usually talk about an inside and an outside. There are different kinds of latch solutions, with which different functions are achieved. The latch solution can make possible a simultaneous force transmission from both drivers to the follower. The latch solution can control the force transmission connection of only one of the drivers. Additionally, one of the drivers, usually the inside driver, can even be arranged in a fixed, i.e. continuous force transfer connection with the follower, whereby the bolt can always be pulled inside the door lock with the handle on the inside of the door.

When the handle is turned, it can be attempted to simultaneously turn it also sideways, so that the contact pressure between the driver and the follower would be great enough to turn the follower along with the driver. It is thus attempted to create the largest possible friction between the driver and the follower. By operating thus, the aim is to pull the bolt inside the door lock, even if the follower is not connected via the latch in force transfer connection with the driver. In other words, with such an abnormal operation, the aim is to open a locked door, even without authorization.

It is known that there are additionally also baffle plates between the follower and the drivers, on both sides of the follower. The baffle plates are round plates, which have a center hole. The purpose of the baffle plates is to reduce the wear of the drivers and follower. Even if baffle plates are used between the follower and drivers, the above-described abnormal operation for opening a locked door is possible.

Brief description of the invention

Embodiments of the invention provide a solution, which prevents the above-described problem.

According to an aspect of the present invention, there is provided a door lock, which includes a lock body, a bolt, a follower, a driver on both sides of the follower, and a latch solution to connect at least one of the drivers in force transmission connection and out of force transmission connection with the follower, wherein the door lock further comprises a baffle plate between the follower and the driver at least on one side of the follower, which baffle plate comprises at least one support surface, which is set against the lock body or against a part which is connected to the lock body in a fixed manner, which baffle plate unturnable in relation to the lock body.

The door lock 1 according to the invention comprises a lock body 2, a bolt 3, a follower 4, a driver 5A, 5B on both sides of the follower, and a latch solution 6 to connect at least one of the drivers 5A, 5B in force transmission connection and out of force transmission connection with the follower 4. The door lock 1 further comprises a baffle