

ABSTRACT**DUAL-INTERACTIVE LOCK**

A dual-interactive lock has a lock case (10). A latching bolt (20), a triggered bolt (30), a main bolt (50), and multiple stubs (112, 113) are mounted in the lock case (10). An interactive member (40) makes the latching bolt (20) and the triggered bolt (30) actuated interactively. The interactive member (40) is connected to a guiding member (60). The guiding member (60) drives the main bolt (50). The interactive member (40) ensures that the latching bolt (20) and the triggered bolt (30) are actuated interactively. The interactive member (40) eliminates a malfunction of the guiding member (60). Meanwhile, the guiding member (60) has an abutting recess (65) and a second positioning part (67) that abut the stubs (112, 113). The abutting recess (65) and the second positioning part (67) prevent the main bolt (50) from failure to lock that is caused by an external force.

Fig. 1