

ABSTRACT**INTERACTIVE DOOR LOCK**

An interactive door lock has a lock case (10). Multiple positioning stubs (112, 113), a latching bolt (20), a triggered bolt (30) and a main bolt (50) are mounted in the lock case (10). An interactive member (40) connects the triggered bolt (30) to a guiding member (60) that drives the main bolt (50) to extend out of the lock case (10) and prevents the latching bolt (20) from retracting. The interactive door lock ensures that an operation of the guiding member (60) is executed normally. Meanwhile, an abutting groove (65) of the guiding member (60) makes the interactive door lock into a first-stage-locking-position by abutting the positioning stubs (112,113). Furthermore, an auxiliary bolt (80) is mounted in the interactive door lock to cooperate with the main bolt (50) that gives a user more security in property and life.

Fig. 1