

ABSTRACT

A method for mutually controlling and unlocking a dual plug in a lock, comprising: unlocking a code of a first plug (111, 24, 322, 52) first, the first plug (111, 24, 322, 52) restricting unlocking of a second plug (121, 23, 321, 53), the second plug (121, 23, 321, 53) restricting rotating of the first plug (111, 24, 322, 52) before the code of the first plug (111, 24, 322, 52) is unlocked; after unlocking the code of the first plug (111, 24, 322, 52), the first plug (111, 24, 322, 52) translating to a second position from a first position using a preset position difference, the first plug (111, 24, 322, 52) being unable to rotate during the translation; after moving the first plug (111, 24, 322, 52) to the second position, the first plug (111, 24, 322, 52) releasing a restriction on the second plug (121, 23, 321, 53), the second plug (121, 23, 321, 53) still restricting the rotating of the first plug; and unlocking the code of the second plug (121, 23, 321, 53), the first plug (111, 24, 322, 52) and the second plug (121, 23, 321, 53) being able to rotate synchronously so as to unlock the lock after unlocking the code of the second plug (121, 23, 321, 53). The present invention further relates to a lock with a dual plug.

(Fig. 1)