

Title (en)

Door lock with a clutch having a cam-styled axle sleeve

Title (de)

Türschloss mit eine Nockenbüchse aufweisender Kupplung für einen Drückerstift

Title (fr)

Serrure de porte avec embrayage comprenant un manchon à came pour la tige de poignée

Publication

EP 1484462 B1 20070815 (EN)

Application

EP 03012979 A 20030607

Priority

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Abstract (en)

[origin: EP1484462A1] A door lock with a clutch having a cam-styled axle sleeve (16) comprises mainly of an outer lock part (1) and an inner lock part (2) mutually oppositely connected and respectively mounted on the outside and inside surfaces of a door panel, the door panel is mounted therein with a dead bolt (3) and a spring loaded latch bolt (4) linked up with a rotation axle (28) of the inner lock part (2), the housings of the outer and the inner lock parts are provided each with a handle (11,21) to rotate their rotation axles. The rotation axle (22) of the inner lock part (2) has on one end thereof a second rotation axle (28), the rotation axle (13) of the outer lock part (1) has thereon the cam-styled axle sleeve (16). By providing a control device (80) and a rotating ring, positioning or forward moving of the cam-styled axle sleeve (16) to connect with the second rotation axle (28) can be controlled, so that the door can be opened or locked by rotating the handles (11,21) no matter inside or outside a house. <IMAGE>

IPC 8 full level

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CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 47/0603** (2013.01); **E05B 47/068** (2013.01); **E05B 2047/0024** (2013.01); **E05B 2047/003** (2013.01); **E05B 2047/0031** (2013.01)

Cited by

EP2133493A1; KR20220137378A; US8910765B2; US9404284B2; WO2010088837A1; WO2012154108A1

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