

Title (en)  
Lock with electric activation.

Title (de)  
Schloss mit elektrischer Aktivierung.

Title (fr)  
Serrure avec activation électrique.

Publication  
**EP 0588209 A1 19940323 (EN)**

Application  
**EP 93114317 A 19930907**

Priority  
IT BO920322 A 19920915

Abstract (en)  
The lock with electrical activation can be inserted in the place of a conventional cylinder lock. The lock includes an electromagnet (30) accommodated in the internal handgrip (40) and activable from outside to operate an engagement system which produces the rotary coupling of the external handgrip (19) to the bit (13). The internal handgrip is always rigidly associated in rotation with the bit for actuating a spring latch and/or a bolt, by means of radial expansions (14a), accommodated in complementarily shaped slots of a depression (10a) of the bit (13), of a plug (8) rotatably accommodated in a cylindrical seat (6) of the lock body (1) and provided with an extending tang (16) which is rigidly coupled to the internal handgrip. The engagement system for the external handgrip includes a sliding block (45) with an external polygonal cross-section which slides inside aligned polygonal cross-section holes (43 and 44), the first (43) of which is provided in the bit (13) and the second (44) of which is provided in a plug (7) rigidly connected to the external handgrip (19) and rotationally accommodated in a cylindrical seat (5) of the body. The block (45) moves with a sliding keeper (29) arranged inside the electromagnetic windings (30). <IMAGE>

IPC 1-7  
**E05B 47/06**

IPC 8 full level  
**E05B 47/06** (2006.01)

CPC (source: EP)  
**E05B 47/0615** (2013.01); **E05B 47/0642** (2013.01); **E05B 47/068** (2013.01); **E05B 47/0692** (2013.01); **E05B 47/0004** (2013.01); **E05B 2047/0031** (2013.01)

Citation (search report)  
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