

Title (en)  
ELECTRICAL OR ELECTRONIC DOOR LOCK, ESPECIALLY A MORTISE LOCK

Publication  
**EP 0280755 B1 19900718 (DE)**

Application  
**EP 87103206 A 19870306**

Priority  
EP 87103206 A 19870306

Abstract (en)  
[origin: EP0280755A1] 1. Electrically or electronically operated and/or controlled or driven door lock, in particular a mortise lock, for an electronic key (33) which is provided with a memory facility for key information, with a lock housing (1), a latch (3) which can be operated at least from the inside of the door by means of a handle, and which engages in a facer plate, a tongue (4) which can be locked-out of the facer plate, an electrically operable locking mechanism (51) for the tongue (4), a scanning facility (31) for the key information of the electronic key (33) and a control circuit (30) which is dependent on the locking mechanism (51) and controlled by means of the scanned key information, with gearing (58, 59) which is driven by the electro motor (29) and a detent pawl (17) which can be mechanically controlled by means of the tongue (4) and the gearing, which inhibits the tongue (4) both in the position which is completely enclosed inside the lock housing (1) as well as in the position which is completely excluded from the key housing (1), axially in order to relieve the electro motor (29) whereby the latch (3) and the tongue (4) can be operated by means of the electro motor (29) to travel into the housing (1) and the tongue (4) can be operated to travel out of the housing, and that the transmission ratio between the electro motor (29) and the latch (3) on the one hand and the electro motor (29) and the tongue (4) on the other hand can be changed during the locking-in and the locking-out travel of the latch (3) and the tongue (4).

IPC 1-7  
**E05B 47/00**

IPC 8 full level  
**E05B 47/00** (2006.01); **E05B 49/00** (2006.01)

CPC (source: EP)  
**E05B 47/0012** (2013.01); **E05B 49/00** (2013.01); **E05B 2047/0021** (2013.01); **E05B 2047/0031** (2013.01)

Cited by  
CZ298193B6; CN102383666A; EP1050643A1; FR2793272A1; CN110043128A; CN110145189A; DE102004037937B4; FR2639668A1; US5083448A; US8789398B2; EP3498947A1; WO2019121715A1; WO9209773A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0280755 A1 19880907**; **EP 0280755 B1 19900718**; AT E54710 T1 19900815; DE 3763830 D1 19900823; ES 2016940 B3 19901216; FI 83904 B 19910531; FI 83904 C 19910910; FI 880953 A0 19880302; FI 880953 A 19880907; GR 3000652 T3 19910927

DOCDB simple family (application)  
**EP 87103206 A 19870306**; AT 87103206 T 19870306; DE 3763830 T 19870306; ES 87103206 T 19870306; FI 880953 A 19880302; GR 900400251 T 19900719