

Title (en)  
Lock device of the cylinder type.

Title (de)  
Zylinderschloss.

Title (fr)  
Serrure à cylindre.

Publication  
**EP 0217586 A1 19870408 (EN)**

Application  
**EP 86307105 A 19860916**

Priority  
DE 3533366 A 19850919

Abstract (en)  
A lock cylinder (1) has at least one tumbler pin arrangement (12, 13, 14) which includes an intermediate element (14) between the housing and plug pins (12, 13). A conversion key (21) is provided with a pocket (23) in its back edge (22) for receiving the intermediate element (14) for removing the latter, thus to vary the tumbler configuration. A transverse groove (24) is formed in the cylinder plug (7) to enable the conversion key (21) to continue to operate the lock after conversion, by providing run-off surfaces (F) which cam the housing pin (12) out of rotation-preventing condition. A modified conversion key (21') can be provided for inserting an intermediate element (14) also, this key comprising a through-bore (26) for an element-ejecting rod (27).

IPC 1-7  
**E05B 15/14**

IPC 8 full level  
**E05B 15/14** (2006.01); **E05B 27/00** (2006.01); **E05B 27/04** (2006.01)

CPC (source: EP)  
**E05B 27/005** (2013.01)

Citation (search report)

- US 4103526 A 19780801 - SURKO JR WALTER E
- US 3078705 A 19630226 - MORRISON JR DAVID

Cited by  
EP0918124A1

Designated contracting state (EPC)  
AT BE CH FR IT LI NL SE

DOCDB simple family (publication)  
**EP 0217586 A1 19870408; EP 0217586 B1 19890111**; AT E39963 T1 19890115; DE 3533366 A1 19870326; DE 3533366 C2 19871210

DOCDB simple family (application)  
**EP 86307105 A 19860916**; AT 86307105 T 19860916; DE 3533366 A 19850919