

Title (en)  
KEY OPERATED MECHANISMS FOR LOCKS

Publication  
**EP 0078280 B1 19860813 (EN)**

Application  
**EP 82901358 A 19820506**

Priority  
GB 8114236 A 19810509

Abstract (en)  
[origin: WO8204093A1] A key operated mechanism includes a lock-case (1) and a rotatably mounted plug (8) located wholly within the lock case and having an axial key hole. Angularly spaced passageways (16) extend through the plug from the key hole to the outer surface of the plug and each passageway receives a detaining member (21) adapted to slide therein. A pair of locking rings (4) fixed with respect to the case have angularly spaced openings which are in register with the passageways in the plug when the plug is in a correct rotational position to enable the detainers to be moved outwardly. When each detainer is moved outwardly by a respective present amount the plug may be rotated. The key for the mechanism has two groups of angularly-disposed indents (34, 35) spaced axially along its shank. The indents are of a depth to appropriately move the detainers. One group of indents operates the detainers when the key is entered from one side and the other group when the key is entered from the other side.

IPC 1-7  
**E05B 29/00**

IPC 8 full level  
**E05B 29/00** (2006.01)

CPC (source: EP)  
**E05B 29/00** (2013.01)

Cited by  
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**WO 8204093 A1 19821125**; DE 3272543 D1 19860918; EP 0078280 A1 19830511; EP 0078280 B1 19860813

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**GB 8200137 W 19820506**; DE 3272543 T 19820506; EP 82901358 A 19820506