

Title (en)
Lock

Title (de)
Schloss

Title (fr)
Serrure

Publication
EP 0595455 B1 19960918 (EN)

Application
EP 93306744 A 19930825

Priority
GB 9222667 A 19921028

Abstract (en)
[origin: EP0595455A1] A lock 2 is described having an escutcheon 4 with a key opening 18 of a first non-circular cross section. A housing 8 is disposed behind the escutcheon 4 and fixed thereto with a fixing stud 12 and fixing socket 14 arrangement secured with bolts. A cylinder 10 is rotatably mounted within the housing 8. The cylinder 10 has a cylinder socket 20 of a non-circular cross section aligned behind the key opening 18. A cylinder stud 40 is positioned within the cylinder socket 20. A key having a key tip 78 shaped to pass through the key opening 18 whilst receiving the cylinder stud 40 within a key socket 84 in the key tip is provided. When the key has been inserted to an appropriate depth, a groove 86 in the key shank 76 aligns with the key opening 28 so that the key may be rotated to rotate the cylinder 10. A deadlocking mechanism is provided by axial movement of the cylinder stud 40 urging locking pins 64 passing radially through the cylinder into and out of engagement with indentations 70 in the housing 8. The lock 2 is particularly suitable for use in outdoor cabinets. <IMAGE>

IPC 1-7
E05C 3/04; **E05B 35/00**

IPC 8 full level
E05B 35/00 (2006.01); **E05C 3/04** (2006.01); **E05B 15/00** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)
E05B 35/008 (2013.01); **E05C 3/042** (2013.01); **E05B 15/0053** (2013.01); **E05B 27/0035** (2013.01); **E05B 27/0082** (2013.01)

Cited by
EP0965709A1; CN113700392A; CN110206402A

Designated contracting state (EPC)
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GB 2272016 A 19940504; **GB 2272016 B 19950705**; **GB 9222667 D0 19921209**; DE 69304858 D1 19961024; DE 69304858 T2 19970206; EP 0595455 A1 19940504; EP 0595455 B1 19960918

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