

Title (en)
CYLINDER LOCK AND REVERSIBLE FLAT KEY

Publication
EP 0008310 B1 19821215 (DE)

Application
EP 78810014 A 19780822

Priority
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Abstract (en)
[origin: ES480131A1] A key for a safety lock having two grooves on each flat side with pairs of identical grooves being located symmetrically opposed about the central axis of the key profile. The grooves (2,3) and the tumbler cams are fashioned in pairs with different dimensions, for the purpose of increasing the number of possible combinations. Thus, both the width and/or depth of a groove may be constant or variable.

IPC 1-7
E05B 29/00; **E05B 19/06**

IPC 8 full level
E05B 19/06 (2006.01); **E05B 29/00** (2006.01); **E05B 27/10** (2006.01); **E05B 29/04** (2006.01); **E05B 29/10** (2006.01)

CPC (source: EP US)
E05B 29/00 (2013.01 - EP US); **Y10T 70/7565** (2015.04 - EP US); **Y10T 70/7864** (2015.04 - EP US); **Y10T 70/7881** (2015.04 - EP US)

Cited by
US4815307A; EP0227505A1; DE19950887C1; FR2589927A1; US5287712A; US4756177A; EP2003272A1; FR2917444A1; WO0131148A1; WO9721895A1

Designated contracting state (EPC)
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EP 0008310 A1 19800305; **EP 0008310 B1 19821215**; AT 363337 B 19810727; AT A560679 A 19801215; BR 7905377 A 19800429; CA 1113738 A 19811208; DE 2862126 D1 19830120; ES 480131 A1 19791116; GR 72578 B 19831118; IT 1162574 B 19870401; IT 7925229 A0 19790821; JP H0135992 B2 19890727; JP S5532897 A 19800307; PT 70066 A 19790901; US 4270372 A 19810602

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EP 78810014 A 19780822; AT 560679 A 19790820; BR 7905377 A 19790821; CA 334266 A 19790822; DE 2862126 T 19780822; ES 480131 A 19790502; GR 790159866 A 19790820; IT 2522979 A 19790821; JP 10706079 A 19790822; PT 7006679 A 19790814; US 6766379 A 19790820