

Title (en)
Key with status indicating device

Title (de)
Schlüssel mit Zustandsanzeige

Title (fr)
Clé munie d'un affichage d'état

Publication
EP 0838566 A3 19991208 (FR)

Application
EP 97111136 A 19970703

Priority
CH 258296 A 19961022

Abstract (en)
[origin: EP0838566A2] The key comprises a head (2) provided with a window which enables showing a portion of the key body. The head which is pivoted on the body is limited to rotate by half a turn in two directions. The key has two grooves (6) each extending over opposite half of the body circumference, and the grooves are terminated by a bore (7) whose depth is greater than that of the groove. Pins (12) are pressed to the bottom of the bores by a spring (13). When the torque applied to the key head increases, the pins leave the bores and the key head rotates through 180 degrees relative to its stem (1). This lets appear the portion opposite the body (4) through the window.

IPC 1-7
E05B 19/22

IPC 8 full level
E05B 19/22 (2006.01)

CPC (source: EP US)
E05B 19/22 (2013.01 - EP US); **Y10T 70/7802** (2015.04 - EP US); **Y10T 70/7876** (2015.04 - EP US); **Y10T 70/8027** (2015.04 - EP US)

Citation (search report)

- [XA] EP 0127113 A2 19841205 - HOENER JOST
- [XA] DE 3407034 A1 19850905 - HOENER JOST
- [X] DE 3503671 A1 19860807 - HOENER JOST
- [X] US 2198484 A 19400423 - SEBASTIAN MERKL
- [X] US 2176465 A 19391017 - SEBASTIAN MERKL
- [X] DE 2634969 A1 19780209 - HINTE KARL ARNOLD
- [X] DE 8507137 U1 19850905
- [X] DE 3242766 A1 19840524 - STACHE HEINZ

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0838566 A2 19980429; EP 0838566 A3 19991208; EP 0838566 B1 20020424; AT E216748 T1 20020515; CA 2217041 A1 19980422; CH 689625 A5 19990715; DE 69712151 D1 20020529; JP H10121801 A 19980512; US 5870917 A 19990216

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EP 97111136 A 19970703; AT 97111136 T 19970703; CA 2217041 A 19971021; CH 258296 A 19961022; DE 69712151 T 19970703; JP 30637797 A 19971022; US 95130697 A 19971016