

Title (en)
LOCKING CYLINDER AND KEY

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EP 0516611 A3 19921209 (DE)

Application
EP 92890103 A 19920429

Priority
AT 92091 A 19910502

Abstract (en)
[origin: EP0516611A2] A locking cylinder (1) can be blocked by a key (15) having a mechanical code track with a height profiling at a plurality of height levels (27, 28, 29) identifiable on the lock side by a reading device which comprises an analog transmitter, for example a pressure-variable resistor, especially rubber resistor (19), in a measuring circuit (20). When the key (15) is inserted into a key channel (14), the code track is sensed by a tracer pin (13) and the code-dependent measurement quantity, for example the resistance values variable as a function of pressure, are detected in succession. They result in a code which is compared with the code of a code memory (22). If the codes agree, a release signal for an electromechanical locking device (26) is generated. Furthermore, the locking cylinder (1) can additionally have the conventional pin tumblers (4, 5, 6, 7, 8). <IMAGE>

IPC 1-7
E05B 49/00

IPC 8 full level
E05B 49/00 (2006.01)

CPC (source: EP)
E05B 49/002 (2013.01)

Citation (search report)
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• [A] DE 3308487 A1 19831013 - GRUNDMANN GMBH GEB [AT]
• [A] WO 8800635 A1 19880128 - LOWE & FLETCHER LTD [GB]
• [A] WO 8800636 A1 19880128 - LOWE & FLETCHER LTD [GB]

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CN106522686A; CN102003119A; DE102006012567A1; WO0060197A1

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