

Title (en)  
CYLINDER LOCK WITH IDENTICAL TUMBLERS

Publication  
**EP 0230807 B1 19890315 (FR)**

Application  
**EP 86402722 A 19861209**

Priority  
FR 8518246 A 19851210

Abstract (en)  
[origin: EP0230807A1] 1. A cylinder lock with tumblers, comprising a plurality of tumblers (1) sliding radially in a rotor (2) under the action of a toothed key (5), the teeth co-operating with the edge of a cut-out on each tumbler to return the tumblers to the inside of the rotor, said tumblers each being subjected to the action of a spring (3), returning them towards the exterior of the rotor, characterised in that the tumblers are identical, and that in each tumbler a cut-out is provided on each lateral edge parallel to the direction of sliding, in such a way that each tumbler comprises two lateral cut-outs, each providing two edges (8, 8', 8'', 8''') for co-operating with the teeth (7) of the key (5), at least some of the four edges (8, 8', 8'', 8''') formed in this way being at different distances from the transverse axis (Z-Z') of the tumbler (1), but at the same distance from the longitudinal axis (X-Y) of the tumbler (1).

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

IPC 8 full level  
**E05B 29/00** (2006.01); **E05B 29/04** (2006.01)

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

Cited by  
WO2004076784A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**FR 2591263 A1 19870612; FR 2591263 B1 19880304; DE 3662413 D1 19890420; EP 0230807 A1 19870805; EP 0230807 B1 19890315**

DOCDB simple family (application)  
**FR 8518246 A 19851210; DE 3662413 T 19861209; EP 86402722 A 19861209**