

Title (en)
Cylinderlock

Title (de)
Schliesszylinder

Title (fr)
Serrure cylindrique

Publication
EP 0984122 B1 20040218 (DE)

Application
EP 99113292 A 19990709

Priority
DE 19838000 A 19980821

Abstract (en)
[origin: EP0984122A1] Two diametrically opposed locking bars (18) have relatively offset locking projections (19) so that each tip of an opposing projection reaches into a common plane to enable the lock plug (3) to rotate. The bars have oblique flanks to controllably displace each bar from its locking recess (13,16) in the closing movement. The side profiles of the lock key (4) are made up of arcuate grooves (25) and the crest line of the feeler heads (19) conforms to the groove shape. The displacement plane of the bars (18) is spaced from the diametral plane. The key tip has control ramps in roof shape to issue into the broad sides of the key.

IPC 1-7
E05B 27/00

IPC 8 full level
E05B 27/00 (2006.01)

CPC (source: EP)
E05B 27/0042 (2013.01)

Cited by
CN102943596A; DE102017120639A1

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

DOCDB simple family (publication)
EP 0984122 A1 20000308; EP 0984122 B1 20040218; AT E259925 T1 20040315; DE 19838000 A1 20000224; DE 59908561 D1 20040325; ES 2212420 T3 20040716

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