Title (en)
Single-throw bar lock operating with a conventional cylinder.

Title (de)
Stangenverschluss, betätigt durch ein konventionelles Zylinderschloss.

Title (fr)
Espagnolette commandée par cylindre conventionnel.

Publication
EP 0248142 A1 19871209 (EN)

Application
EP 87101765 A 19870209

Priority
IT 2070686 A 19860606

Abstract (en)
A single-throw bar lock operating with a conventional cylinder, comprising two parallel toothed plates (3, 8), two bars (20) fixed to them, a main gear wheel (4) and an auxiliary gear wheel (5) which are interposed between said toothed plates and engage with them, said main gear wheel being in the form of a ring gear which is incomplete due to the presence of a slot, said auxiliary gear wheel being a complete circular gear wheel and each of said toothed plates having a discontinuity in the toothing by virtue of a recessed portion (7, 7').

IPC 1-7
E05B 17/04; E05C 9/04

IPC 8 full level
E05B 17/04 (2006.01); E05C 9/04 (2006.01)

CPC (source: EP)
E05C 9/041 (2013.01); E05C 9/047 (2013.01)

Citation (applicant)
FR 1190878 A 19591015 - RHETAISE IND ET COMMERCIALE SA

Citation (search report)
- [A] FR 1190878 A 19591015 - RHETAISE IND ET COMMERCIALE SA
- [A] US 1700129 A 19290129 - FREDERICK HAUSMANN WILLIAM

Cited by
DE9216064U1; EP0490287A3; GB2322159A; EP0859108A1; WO9405883A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0248142 A1 19871209; EP 0248142 B1 19901114; AT E58408 T1 19901115; DE 3766159 D1 19901220; DK 172319 B1 19980316; DK 68487 A 19871207; DK 68487 D0 19870211; ES 2018486 B3 19910416; GR 3001370 T3 19920911; IE 59711 B1 19940323; IE 870333 L 19871206; IT 1218103 B 19900412; IT 8620706 A0 19860606; PT 84543 A 19880701; PT 84543 B 19930730

DOCDB simple family (application)
EP 87101765 A 19870209; AT 87101765 T 19870209; DE 3766159 T 19870209; DK 68487 A 19870211; ES 87101765 T 19870209; GR 910400074 T 19910124; IE 33387 A 19870209; IT 2070686 A 19860606; PT 8454387 A 19870323