

Title (en)  
U-LOCK SECURITY SPACER.

Title (de)  
U-FÖRMIGES BÜGELSCHLOSS MIT SICHERHEITS-ABSTANDSHALTER.

Title (fr)  
SYSTEME ANTIVOL EN U DE TYPE CADENAS.

Publication  
**EP 0620889 A4 19950201 (EN)**

Application  
**EP 92919426 A 19920903**

Priority  

- US 9207292 W 19920903
- US 75554691 A 19910905

Abstract (en)  
[origin: WO9305258A1] A security spacer (24) is used with a U-lock (16) to provide additional security. The U-lock (16) includes a U-shaped bar (18) and a header (20). In certain circumstances, the arms of the U-lock (16) are sufficiently longer than the object (10) being locked that a gap (22) between the object (10) and header (20) is wide enough to allow a thief to insert a scissors jack between the arms and break the lock. The security spacer (24) substantially fills the gap to prevent the insertion of a jack and is held in place by the header (20). The security spacer (24) preferably includes two oval cylinders (26) connected at opposite ends of a metal bar (28).

IPC 1-7  
**E05B 67/38**

IPC 8 full level  
**E05B 71/00** (2006.01); **B62H 5/00** (2006.01); **B62H 5/14** (2006.01); **E05B 67/38** (2006.01)

CPC (source: EP)  
**B62H 5/003** (2013.01); **B62H 5/14** (2013.01); **E05B 67/38** (2013.01)

Citation (search report)  

- [X] AU 549021 B2 19860109 - KIRK I L, et al
- [X] GB 2185519 A 19870722 - LEE ROBERT, et al
- [X] US 4333326 A 19820608 - WINTERS ROBERT E
- See references of WO 9305258A1

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

DOCDB simple family (publication)  
**WO 9305258 A1 19930318**; AU 2558492 A 19930405; BR 9206459 A 19951017; CA 2116961 A1 19930318; EP 0620889 A1 19941026;  
EP 0620889 A4 19950201; FI 941040 A0 19940304; FI 941040 A 19940304; JP H07501114 A 19950202

DOCDB simple family (application)  
**US 9207292 W 19920903**; AU 2558492 A 19920903; BR 9206459 A 19920903; CA 2116961 A 19920903; EP 92919426 A 19920903;  
FI 941040 A 19940304; JP 50530493 A 19920903