

Title (en)  
Inseparable lock cylinder

Title (de)  
Untrennbarer Schließzylinder

Title (fr)  
Cylindre de serrure non séparable

Publication  
**EP 1944437 A1 20080716 (EN)**

Application  
**EP 07100304 A 20070109**

Priority  
EP 07100304 A 20070109

Abstract (en)  
The objects of the invention are achieved through use of a reinforcing system comprising a reinforcing member in the form of a two-arm closed-line longitudinal element, the two arms longitudinally extending along lines above and below said fixing hole. The upper arm of said reinforcing member is aimed at resisting expanding forces by means of an extensible and high tensile strength structure provided. The reinforcement member according to the present invention is provided with smooth-curve zigzag lines of different lengths, delaying a rupture at the vertical line of the main rotation axis during extension.

IPC 8 full level  
**E05B 9/10** (2006.01); **E05B 9/04** (2006.01); **E05B 17/20** (2006.01)

CPC (source: EP)  
**E05B 9/048** (2013.01); **E05B 17/2084** (2013.01)

Citation (applicant)  
EP 1707710 A1 20061004 - KALE KILIT VE KALIP SANAYI AS [TR]

Citation (search report)  
• [X] EP 1707710 A1 20061004 - KALE KILIT VE KALIP SANAYI AS [TR]  
• [A] DE 29619634 U1 19980326 - WILKA SCHLIESTECHNIK GMBH [DE]  
• [DA] WO 2004063499 A1 20040729 - CISA SPA [IT], et al & EP 1583878 A1 20051012 - CISA SPA [IT]

Cited by  
GB2491703A; GB2491703B; WO2015008079A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1944437 A1 20080716**; **EP 1944437 B1 20150624**; ES 2546794 T3 20150928

DOCDB simple family (application)  
**EP 07100304 A 20070109**; ES 07100304 T 20070109