

Title (en)  
Loop fastener

Title (de)  
Schleifenverschluss

Title (fr)  
Dispositif de fixation à boucle

Publication  
**EP 1785050 A3 20100224 (DE)**

Application  
**EP 06023491 A 20061111**

Priority  
DE 102005054787 A 20051115

Abstract (en)  
[origin: EP1785050A2] The fastener has a deformable loop (10) comprising two ends (18, 20), and a fastener body for lockably receiving one end (18) of the loop, where the loop is formed as an elastically deformable ring such as a rope, a cord or a chain. The fastener body has a latch opening with a latch (30) that is uniquely and irreversibly fixed to the body by a glued connection, a fused connection or a snap-on connection. The latch locks the end of the loop to the fastener body in a force-fit or form-fit manner. The ends (18, 20) are inserted and locked through inlet apertures (22, 24) in the fastener body.

IPC 8 full level  
**A44B 15/00** (2006.01); **B65D 63/00** (2006.01); **G09F 3/03** (2006.01)

CPC (source: EP US)  
**A44B 15/00** (2013.01 - EP US); **G09F 3/0323** (2013.01 - EP US); **Y10T 24/50** (2015.01 - EP US); **Y10T 70/8676** (2015.04 - EP US); **Y10T 70/8703** (2015.04 - EP US); **Y10T 70/8757** (2015.04 - EP US)

Citation (search report)

- [X] US 1132970 A 19150323 - PEYTON WILLIAM T [US]
- [X] GB 2323272 A 19980923 - SURELOCK MCGILL LIMITED [GB]
- [X] US 3045469 A 19620724 - RENTSCHER ROLAND R, et al
- [A] US 4314467 A 19820209 - ARVAN JOHN
- [A] EP 1355027 A2 20031022 - LLEXAN INTERNAT S R L UNIPERSO [IT]

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 1785050 A2 20070516; EP 1785050 A3 20100224**; DE 102005054787 A1 20070516; DE 102005054787 B4 20130314; US 2007107175 A1 20070517; US 7690091 B2 20100406

DOCDB simple family (application)  
**EP 06023491 A 20061111**; DE 102005054787 A 20051115; US 59838906 A 20061113