

Title (en)  
Padlock

Title (de)  
Bügelschloss

Title (fr)  
Cadenas

Publication  
**EP 1160405 B1 20030730 (DE)**

Application  
**EP 01112390 A 20010521**

Priority  
DE 10026701 A 20000530

Abstract (en)  
[origin: EP1160405A1] The hoop lock has a lock body (10) to take the ends (14) of a hoop (12) within force cells (16) at each end side. Each force cell has a locking system (18,20), operated by a lock mechanism (22). Each locking system has at least one bolt (18) which holds the inserted hoop end against the other side of the force cell while supported by a U-shaped profile (17). Each cell has a protective wall (36) against drilling and/or impact blows.

IPC 1-7  
**E05B 67/04**; **E05B 67/24**

IPC 8 full level  
**E05B 67/04** (2006.01); **E05B 67/06** (2006.01); **E05B 67/24** (2006.01); **E05B 67/02** (2006.01)

CPC (source: EP US)  
**E05B 67/04** (2013.01 - EP US); **E05B 67/063** (2013.01 - EP US); **E05B 67/24** (2013.01 - EP US); **E05B 2067/025** (2013.01 - EP US); **Y10T 70/454** (2015.04 - EP US); **Y10T 70/459** (2015.04 - EP US); **Y10T 70/489** (2015.04 - EP US); **Y10T 70/7712** (2015.04 - EP US); **Y10T 70/7751** (2015.04 - EP US); **Y10T 70/7921** (2015.04 - EP US)

Cited by  
EP3095932A1; EP3786397A1

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

DOCDB simple family (publication)  
**EP 1160405 A1 20011205**; **EP 1160405 B1 20030730**; AT E246305 T1 20030815; DE 10026701 A1 20011206; DE 50100431 D1 20030904; ES 2199194 T3 20040216; US 2002002850 A1 20020110; US 6584815 B2 20030701

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