

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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