

Title (en)
Joint lock

Title (de)
Gelenkschloss

Title (fr)
Serrure articulée

Publication
EP 2267255 B1 20130410 (DE)

Application
EP 10006426 A 20100621

Priority
DE 102009030036 A 20090623

Abstract (en)
[origin: EP2267255A1] The lock has a joint bar shackle (13) with an end fastened at a lock body (11) and another end interlocked at the lock body. The joint bar shackle has joint bars (15) pivotably joined to each other by a joint connection. The joint connection between the joint bars exhibit a joint pin (29) for connecting eyelets (23, 25) of the joint bars. The joint bars exhibit a bent wire or a folded sheet extending between the eyelets. The bent wire and/or the folded sheet of the joint bars is sectionally surrounded by a casing (31), where the casing exhibits plastic cast or metal cast.

IPC 8 full level
E05B 67/00 (2006.01); **E05B 71/00** (2006.01)

CPC (source: EP US)
E05B 67/003 (2013.01 - EP US); **E05B 71/00** (2013.01 - EP US); **E05B 15/1614** (2013.01 - EP US); **Y10T 70/40** (2015.04 - EP US); **Y10T 70/409** (2015.04 - EP US); **Y10T 70/435** (2015.04 - EP US); **Y10T 70/483** (2015.04 - EP US); **Y10T 70/491** (2015.04 - EP US); **Y10T 70/493** (2015.04 - EP US); **Y10T 70/50** (2015.04 - EP US); **Y10T 70/5009** (2015.04 - EP US); **Y10T 70/5872** (2015.04 - EP US)

Cited by
CN104763249A; US8127923B2; KR100469115B1; EP3095932A1; DE102015108072A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2267255 A1 20101229; EP 2267255 B1 20130410; DE 102009030036 A1 20101230; US 2011154870 A1 20110630; US 2012167640 A1 20120705; US 8156772 B2 20120417; US 8418513 B2 20130416

DOCDB simple family (application)
EP 10006426 A 20100621; DE 102009030036 A 20090623; US 201213416853 A 20120309; US 82181910 A 20100623