

Title (en)
Locking system

Title (de)
Schliesssystem

Title (fr)
Système de verrouillage

Publication
EP 0976896 B1 20010502 (DE)

Application
EP 99111685 A 19990616

Priority
DE 19834691 A 19980731

Abstract (en)
[origin: EP0976896A2] The inner rotary knob (120) is connected rotation proof with a sleeve (12), on which the locking element (30) is arranged rotation proof. The outer rotary knob (50) is connected rotation proof with a shaft (52) extending through the sleeve (12) of the inner rotary knob (10), and is connected rotation proof with a coupling unit (40) arranged in the inner rotary knob.

IPC 1-7
E05B 47/06

IPC 8 full level
E05B 13/10 (2006.01); **E05B 3/00** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP US)
E05B 47/0615 (2013.01 - EP US); **E05B 47/068** (2013.01 - EP US); **E05B 47/0012** (2013.01 - EP US); **Y10T 70/7068** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Cited by
EP1722049A3; NL2018222A; DE10225649B4; EP1997983A1; US8539802B2; US8011217B2; US7845201B2; US8683833B2; WO2014060531A1; WO2007113010A3; EP3498947A1; WO2019121715A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0976896 A2 20000202; **EP 0976896 A3 20000209**; **EP 0976896 B1 20010502**; AT E200922 T1 20010515; DE 19834691 A1 20000203; DE 59900079 D1 20010607; DK 0976896 T3 20010528; ES 2156455 T3 20010616; JP 2000045582 A 20000215; US 6264256 B1 20010724

DOCDB simple family (application)
EP 99111685 A 19990616; AT 99111685 T 19990616; DE 19834691 A 19980731; DE 59900079 T 19990616; DK 99111685 T 19990616; ES 99111685 T 19990616; JP 21915799 A 19990802; US 36534799 A 19990730