

Title (en)

Cylinder lock with bearing for the follower

Title (de)

Zylinderschloss mit einer Mitnehmerlagerung

Title (fr)

Serrure cylindrique avec palier pour le panneton rotatif

Publication

**EP 0985787 B1 20041013 (DE)**

Application

**EP 99810694 A 19990804**

Priority

CH 182698 A 19980907

Abstract (en)

[origin: EP0985787A2] The cam carrier (12), for a cylinder lock (1), is in an eccentric mounting in relation to the longitudinal axis (9) of the lock rotor (5). A coupling (10) is at the inner end of the rotor (5), as a link between the rotor (5) and cam carrier (12). A toothed drive (60) is between the coupling (10) and the cam carrier (12), with inner teeth (32) at the cam carrier (12) and outer teeth (33) at the coupling carrier (15). The two sets of teeth (32,33) have identical numbers of teeth, with straight flanks. A free space, between the sets of teeth (32,33), allows a radial sliding movement between the cam carrier (12) and the coupling carrier (15), to give a trouble-free transmission of the rotary movements of the rotor (5) on to the cam carrier (12).

IPC 1-7

**E05B 17/04**; **E05B 9/10**

IPC 8 full level

**E05B 9/10** (2006.01); **E05B 17/04** (2006.01)

CPC (source: EP)

**E05B 9/10** (2013.01); **E05B 17/047** (2013.01)

Cited by

IT201800010395A1; DE102011106896A1; DE102007000203A1; US11982104B2; WO2020099215A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0985787 A2 20000315**; **EP 0985787 A3 20021120**; **EP 0985787 B1 20041013**; AT E279623 T1 20041015; DE 59910814 D1 20041118; DK 0985787 T3 20050103; ES 2229655 T3 20050416

DOCDB simple family (application)

**EP 99810694 A 19990804**; AT 99810694 T 19990804; DE 59910814 T 19990804; DK 99810694 T 19990804; ES 99810694 T 19990804