

Title (en)
Locking device

Title (de)
Verriegelungsvorrichtung

Title (fr)
Dispositif de verrouillage

Publication
EP 0761921 B1 20020130 (EN)

Application
EP 96202351 A 19960823

Priority
NL 1001180 A 19950912

Abstract (en)
[origin: EP0761921A1] Locking device, comprising a wedge member (2), a locking member which engages thereon and a contacting member (4,25) The contacting member is engaged by the part to be locked. According to the invention, the contacting member (4,25) is rotatably constructed. In the execution of such a rotation, the locking member (3) is displaced. This displacement can either occur for the purpose of wedging the locking member (3) on the clamping surface of the wedge member (2) or for the purpose of releasing it. A locking device of this kind has the distinguishing feature that it locks without play. The contacting member (4,25) can either be a rotating wheel (4) or a pawl (25) which moves to and fro. The locking member (3) is preferably constructed as a roller and in the contacting member (4,25) there is fitted a correspondingly shaped clamping surface. The locking member (3) is arrested, during the wedging movement, against a stop. <IMAGE>

IPC 1-7
E05C 19/00; **E05B 65/32**; **E05B 47/06**; **E05B 63/24**

IPC 8 full level
E05B 47/06 (2006.01); **E05B 63/24** (2006.01); **E05B 65/32** (2006.01); **E05C 19/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 47/0607 (2013.01); **E05B 63/244** (2013.01); **E05B 85/243** (2013.01); **E05C 19/007** (2013.01); **E05B 47/0002** (2013.01); **E05B 47/0047** (2013.01)

Cited by
CN113503095A; US7316141B2; WO2004079136A1

Designated contracting state (EPC)
BE DE IT NL

DOCDB simple family (publication)
EP 0761921 A1 19970312; **EP 0761921 B1 20020130**; DE 69618879 D1 20020314; DE 69618879 T2 20021128; NL 1001180 C2 19970313

DOCDB simple family (application)
EP 96202351 A 19960823; DE 69618879 T 19960823; NL 1001180 A 19950912