

Title (en)
Eccentric bolt for point locks

Title (de)
Exzenterbolzen für Weichenverschlüsse

Title (fr)
Boulon excentrique pour verrouillage d'aiguille

Publication
EP 1378417 B1 20070124 (DE)

Application
EP 02014713 A 20020703

Priority
EP 02014713 A 20020703

Abstract (en)
[origin: EP1378417A1] An eccentric bolt (EB) (1) has a cylinder (3) with an eccentric mounting for adjusting switch blade clearance on a set of railway points,. A fixing disk (5) ensures an adjusted position and acts as a safety-related recoil surface, because the EB moves radially and on-axis. A screw (7) forces a self-locking cone (2) into a larger cylinder on the EB.

IPC 8 full level
B61L 5/10 (2006.01)

CPC (source: EP)
B61L 5/10 (2013.01)

Cited by
DE102014222445A1; DE102011086077A1; EP3050773A1; CN107664150A; WO2016124425A1; EP2127993A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1378417 A1 20040107; EP 1378417 B1 20070124; AT E352465 T1 20070215; DE 50209343 D1 20070315; DK 1378417 T3 20070529; ES 2275782 T3 20070616

DOCDB simple family (application)
EP 02014713 A 20020703; AT 02014713 T 20020703; DE 50209343 T 20020703; DK 02014713 T 20020703; ES 02014713 T 20020703