

Title (en)
GUIDE RAIL WITH ENGAGING-RELEASING SLOTS FOR A ROLLER GUIDE ASSEMBLY IN PARTICULAR WITH INCLINED ROLLERS

Title (de)
FÜHRUNGSSCHIENE MIT AUSSPARUNGEN ZUM EINSETZEN UND HERAUSNEHMEN EINER EINHEIT MIT ZUM BEISPIEL GENEIGT
AUFGESTELLTEN FÜHRUNGSROLLEN

Title (fr)
RAIL DE GUIDAGE A ENCOCHES D'ENGAGEMENT-DEGAGEMENT POUR UN ENSEMBLE DE GUIDAGE A GALETS NOTAMMENT INCLINES

Publication
EP 1100994 A1 20010523 (FR)

Application
EP 99934785 A 19990728

Priority
• FR 9901850 W 19990728
• FR 9809813 A 19980729

Abstract (en)
[origin: US6364215B1] A guide rail for guiding a pair of angled or horizontal guide wheels (17,18) of a guide assembly. The guide rail comprises a rail base (2), a rail head (4), and a rail web (3) interconnecting the rail base (2) with the rail head (4). The rail head (4) has at least one zone facilitating engagement and disengagement of the guide wheels with the guide rail. The zone has a narrowed area in which the guide head (4) has a narrower transverse width dimension which is less than the larger transverse width dimension on opposite sides of the zone and less than a normal engagement spacing of the guide wheels from one another such that the pair of guide wheels (17,18) are only movable vertically into and out of engagement with the guide in the zone while the pair of guide wheels (17,18) are prevented from moving vertically into and out of engagement with the guide rail, relative to the guide rail, by the larger transverse width dimension of the guide head (4).

IPC 1-7
E01B 25/28

IPC 8 full level
E01B 5/02 (2006.01); **B61B 13/06** (2006.01); **E01B 25/28** (2006.01)

CPC (source: EP KR US)
E01B 5/00 (2013.01 - KR); **E01B 25/28** (2013.01 - EP US)

Cited by
DE102006039640B3

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)
US 6364215 B1 20020402; AT E281561 T1 20041115; AU 5044599 A 20000221; CA 2337359 A1 20000210; CN 1311837 A 20010905; DE 69921661 D1 20041209; DE 69921661 T2 20051103; EP 1100994 A1 20010523; EP 1100994 B1 20041103; ES 2232153 T3 20050516; FR 2781823 A1 20000204; FR 2781823 B1 20050826; JP 2002521597 A 20020716; KR 20010079578 A 20010822; RU 2236493 C2 20040920; TR 200100264 T2 20010921; WO 0006826 A1 20000210

DOCDB simple family (application)
US 74414701 A 20010118; AT 99934785 T 19990728; AU 5044599 A 19990728; CA 2337359 A 19990728; CN 99809114 A 19990728; DE 69921661 T 19990728; EP 99934785 A 19990728; ES 99934785 T 19990728; FR 9809813 A 19980729; FR 9901850 W 19990728; JP 2000562600 A 19990728; KR 20017001191 A 20010129; RU 2001105540 A 19990728; TR 200100264 T 19990728