

Title (en)
PIVOTABLE GUIDEBEAM SWITCH

Title (de)
DREHBARER FÜHRUNGSTRÄGERSCHALTER

Title (fr)
AIGUILLAGE PIVOTANT POUR RAMPE DE GUIDAGE

Publication
EP 1169517 A4 20030416 (EN)

Application
EP 00913897 A 20000310

Priority
• US 0006461 W 20000310
• US 12404599 P 19990312

Abstract (en)
[origin: WO0053848A1] A pivotable switch arrangement (10), as shown in Figure 1, for switching a guided vehicle guidebeam including a vehicle guideway (12), a main guidebeam (14) secured to the vehicle guideway, and a plurality of turnout guidebeams (16) secured to the vehicle guideway and spaced from the main guidebeam. Each of the turnout guidebams includes an extendable locking pin (17) at an end facing the main guidebeam. A pivotable guidebeam section (24) is pivotally connected to the guideway adjacent an end of the main guidebeam. The guidebeam section defines a cavity (34). A drive mechanism (39) is connected to the guidebeam section and is configured to pivot the guidebeam section between the turnout guidebeams, and align an end of the guidebeam section with one of the turnout guidebeams. The locking pin engages the cavity when the guidebeam section is aligned with the one of the turnout guidebeams.

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Citation (search report)
• [XAY] US 2434523 A 19480113 - SHEETS CARL L
• [XAY] US 3791306 A 19740212 - WAGNER J, et al
• [XY] US 4094252 A 19780613 - PATER HENDRIK, et al
• See references of WO 0053848A1

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

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