Title (en)
Tongue device for switches

Title (de)
Zungenvorrichtung für Weichen

Title (fr)
Dispositif d'aiguille pour aiguillage

Publication
EP 1524364 A2 20050420 (DE)

Application
EP 04021866 A 20040915

Priority
DE 10348411 A 20031014

Abstract (en)
Switching device comprises a switching bearing (9) containing a switching bed (13) and for receiving a switch (10) connected to the bearing. The connection is structured so that the non-moving end of the switch is screwed to the bearing through the switching foot (22). An independent claim is also included for a switch. Preferred Features: The switch bearing is produced from a block having a bainite structure and a quality of 1200 N/mm2>. The switch bed is cut from the block so that the switch is able to move on the sliding surface (14) of the switching bed.

Abstract (de)
Zungenvorrichtung in Regelschienen einer Rillenschienenweiche, bestehend aus einem einteiligen, ein Zungenbett beinhaltendes Zungenlager (9) zur Aufnahme einer mit dem Zungenlager auswechselbar verbundenen Zunge (10), wobei die Verbindung dergestalt herbeigeführt wird, dass das unbewegliche Ende der Zunge durch den Zungenfuß (22) mit dem Zungenlager verschraubt (11) ist. <IMAGE>

IPC 1-7
E01B 7/02

IPC 8 full level
E01B 7/02 (2006.01)

CPC (source: EP)
E01B 7/02 (2013.01); E01B 7/24 (2013.01)

Citation (applicant)
- DE 4201757 A1 19930812 - VER WEICHENBAU GMBH [DE]
- DE 19846700 C1 20000824 - VER WEICHENBAU GMBH [DE]

Cited by
DE102009026049A1; EP2149638A3; CN110205878A; WO2011000809A1; US8931709B2

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

DOCDB simple family (publication)
EP 1524364 A2 20050420; **EP 1524364 A3 20060809**; **EP 1524364 B1 20071212**; AT E380899 T1 20071215; DE 10348411 A1 20050602; DE 502004005686 D1 20080124; PL 1524364 T3 20080530

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EP 04021866 A 20040915; AT 04021866 T 20040915; DE 10348411 A 20031014; DE 502004005686 T 20040915; PL 04021866 T 20040915