

Title (en)
POINTS COMPRISING A REINFORCED SWITCH TONGUE BLADE

Title (de)
WEICHE MIT VERSTÄRKTER ZUNGENSCHIENE

Title (fr)
AIGUILLAGE DE VOIE A LAME D'AIGUILLE RENFORCEE

Publication
EP 1516091 B1 20091125 (DE)

Application
EP 03729697 A 20030616

Priority
• AT 0300170 W 20030616
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Abstract (en)
[origin: WO2004003295A1] The invention relates to points comprising a main track and a branch track, whereby one rail of each track is provided in the form of a switch tongue blade, and can be moved into contact with the respective stock rail. At least one stock rail (1) is, in the area where it comes into contact with the switch tongue blade (2), provided with a rail head width that is narrower than the area located outside of the area of contact. The width of the rail head, starting from the switch tongue tip (3), decreases up to a point (4), at which the carrying wheel comes into lateral contact with the switch tongue blade (3), and increases in the area beyond this point. The cross-section of switch tongue blade (2) is reinforced up to the stock rail (1) according to the reduction of the width of the stock rail head.

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E01B 7/02 (2006.01)

CPC (source: EP US)
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Cited by
WO2014187437A1; WO2019237136A1; US11821148B2; EP3743559B1

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WO 2004003295 A1 20040108; AT E449882 T1 20091215; AU 2003240283 A1 20040119; AU 2003240283 B2 20070809; BR 0312233 A 20050412; CA 2490954 A1 20040108; CA 2490954 C 20090203; CH 694968 A5 20051014; CN 1291107 C 20061220; CN 1665986 A 20050907; DE 50312158 D1 20100107; EP 1516091 A1 20050323; EP 1516091 B1 20091125; HR P20050076 A2 20050831; HR P20050076 B1 20130131; NO 20050478 L 20050127; PL 216071 B1 20140228; PL 372442 A1 20050725; SI 1516091 T1 20100331; US 2006097115 A1 20060511; US 7387280 B2 20080617; ZA 200409751 B 20060531

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