

Title (en)
RAILWAY TRACK SWITCH

Publication
EP 0162038 A3 19861008 (DE)

Application
EP 85890081 A 19850328

Priority
AT 163384 A 19840517

Abstract (en)
[origin: EP0162038A2] 1. Track switch, in particular track switch having a large radius, in which the tongue rails (3, 4) can be adjusted by means of an adjusting device into two end positions, in which in each case a switch tip bears against the associated stock rail (1, 2), a track stabilizing device (B) being arranged at the tongue rails (3, 4) to secure the position of the latter, which track stabilizing device (B) has at least one multi-armed lever (7, 8) which acts on the tongue rails (3, 4), can be swivelled about a stationary axis of rotation (6), is charged by a power accumulator (14, 24) and can be actuated by the tongue rails (3, 4), which are adjustable by means of the adjusting device, the operating line (20) of the power of the power accumulator (14, 24), formed in particular by a compression spring, lying in the two end positions of the lever (7, 8) on different sides of the swivel axis (6) of the said lever (7, 8), characterized in that the track stabilizing device (B) is arranged in an intermediate region of the length of the tongue rails (3, 4), in particular in the central region of the latter, in that the end position of the lever (7, 8) determining the distance of the open tongue rail (3, 4) from the stock rail (1, 2) is determined by a stop (16, 17) which interacts with the lever, is stationary, separate from the stock rail and, if appropriate, adjustable, and in that the track stabilizing device (B) has two two-armed bent levers (7), the one arm (9, 10) of which is hinged in each case on one tongue rail (3, 4) and the other arm (12, 13) of which rests against the power accumulator (14).

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E01B 7/06; **E01B 7/20**

IPC 8 full level
E01B 7/06 (2006.01); **E01B 7/20** (2006.01)

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

Citation (search report)
• [X] US 2906477 A 19590929 - TAKUJI UEDA
• [A] CH 370427 A 19630715 - OESTERR ALPINE MONTAN [AT]
• [A] DE 381186 C 19230917 - LOUIS ALBERT POTHION

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Designated contracting state (EPC)
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EP 0162038 A2 19851121; **EP 0162038 A3 19861008**; **EP 0162038 B1 19900425**; AT 379834 B 19860310; AT A163384 A 19850715; BG 48456 A3 19910215; DD 234046 A5 19860319; DE 3577333 D1 19900531; FI 81646 B 19900731; FI 81646 C 19901112; FI 851961 A0 19850516; FI 851961 L 19851118; GR 851176 B 19851125; HR P921299 A2 19951231; HR P921299 B1 19991231; HU 190558 B 19860929; HU T37471 A 19851228; NO 161392 B 19890502; NO 161392 C 19890809; NO 851987 L 19851118; PL 252806 A1 19851203; PT 80268 A 19850501; PT 80268 B 19870529; RO 91982 A 19870630; RO 91982 B 19870701; SI 8510832 A 19960831; YU 46370 B 19931020; YU 83285 A 19871031

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