

Title (en)
FASTENING DEVICE FOR STOCK RAILS WITH A SLIDE CHAIR FOR RAILWAY SWITCHES

Publication
EP 0123666 B1 19860514 (FR)

Application
EP 84870048 A 19840329

Priority
FR 8305285 A 19830330

Abstract (en)
[origin: EP0123666A1] 1. Apparatus for fastening a stock rail with slide chair (3) for the switch blade (5), in which apparatus a base plate (1) has means intended for fastening the stock rail (7) and for guiding the switch blade (5) with the aid of a slide chair (3) having a nose (35) overlapping the stock rail flange on the switch blade side, characterized in that said base plate (1) has, for the flange (8) of the stock rail (7), a support surface (9) delimited by two ribs (10, 12) parallel to the longitudinal axis of the track, and for the fastening of said flange (8) has a recess (24) disposed longitudinally in the rib (12) situated on the switch blade (5) side and adapted to cooperate with a loop-shaped fastening spring (4) comprising, from one end to the other, a first branch (28), a first curved portion, a second branch (31), a second curved portion, and a third branch (32), the three branches (28, 31, 32) being substantially parallel to one another, the first branch (28) being housed in the recess (24), the second branch (31) being supported on the top face of the base plate against a pressure surface (29) situated on the opposite side of said rib (12) relative to the flange (8) of the stock rail (7), the third branch (32) bearing against the flange (8) of the stock rail (7), applying a substantially normal pressure to said flange, said spring (4) having a flattened shape in order that its highest part will be situated below the upper surface (34) of the slide chair (3), the latter having a shape which provides the access necessary for fitting the spring (4).

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