Title (en)
BOLTING SYSTEM FOR POINTS CHANGING IN RAILWAYS

Title (de)
VERSCHRAUBUNGSSYSTEM FÜR WEICHENSCHALTUNG BEI SCHIENENSTRÄNGEN

Title (fr)
SYSTÈME DE VERROUILLAGE POUR AIGUILLAGE DE VOIES FERRÉES

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Application
EP 08761583 A 20080513

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Abstract (en)
The invention comprises two bolt bodies (1, 2, 32, 33) linked by an intermediate bar (5, 37), and with one of them connected to an external actuating mechanism, arranged transversely to the railway and suspended from the respective shoe (6, 35) of the counterpoint (4, 36). The needles (3, 34) are moved by means of respective sliders (14, 43) which slide within a box (9, 39) fastened to the bolt bodies (1, 2, 32, 33). Bars (15, 38) slide in each of the sliders (14, 43) and the bars are lockable (15,38) with the sliders (14, 43) and the sliders (14, 43) with the boxes (9, 39). The bar (38) has two wide rabbets (48, 49) each for housing a roller (50, 51) which move in each of the transversal sheaves (52, 53) of the slider (43). These rollers (50, 51) interact with the semicylindrical rabbets (54, 55) of the box (39). The relative position of the rollers (50, 51) controls whether the slider (43) is dragged or not.

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