

Title (en)

DEVICE FOR LOCKING THE FINAL POSITIONS OF MOVING SWITCH POINTS

Title (de)

EINRICHTUNG ZUM VERRIEGELN DER ENDLAGEN VON BEWEGLICHEN WEICHENTEILEN

Title (fr)

EQUIPEMENT DE VERROUILLAGE D'AIGUILLES MOBILES DANS LEURS POSITIONS TERMINALES

Publication

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Application

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Abstract (en)

[origin: WO03011672A1] The invention relates to a device for locking the final positions of moving switch points, particularly of moving frog points, in which two parts that can be axially displaced in relation to one another can be moved in at least one direction of movement and into a position while being coupled together in a non-positive or positive manner. According to the invention, parts than can be displaced in relation to one another are formed by a tube (2) and by a rod (3) guided inside the tube (2) and are at least partially placed inside a fixed outer tube (1). The locking elements interact with the parts (2, 3), which can be axially displaced in relation to one another, and with the outer tube (1), and they can be moved in a radial direction and into a locking position inside a recess or inner annular groove (5) of the outer tube. The locking elements are formed by rings or ring segments (6) whose essentially square or rectangular cross-section is grasped on both of its interior sides while forming surfaces (9) that converge while extending at an angle to the axis.

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