

Title (en)

A method and a device for adjusting the position of elongated elements, especially railway tracks.

Title (de)

Verfahren und Vorrichtung zur Lagejustierung langgestreckter Elemente, insbesondere Eisenbahngleise.

Title (fr)

Procédé et dispositif pour l'ajustage de la position d'éléments allongés, notamment de voies ferrées.

Publication

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Application

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Priority

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Abstract (en)

In a method for adjusting the position of elongated elements, preferably the rails of a railway track, a laser equipment (8) is fixed to the elongated element (2) and there is from the laser equipment emitted a laser beam against a first reflector (12), which is fixed at a distance from the laser equipment along the elongated element (2). Thereby there is defined a straight reference plane (16). The section of the elongated element positioned between the laser equipment (8) and the first reflector (12) is then adjusted into correct position by displacing said section in lateral direction to a predetermined distance from the reference plane (16) by means of a second reflector (18). A device for adjusting the position of elongated element, preferably the rails of a railway track, comprises a laser equipment (8) and at least one reflector (12) for receiving the laser beam from the laser equipment and reflecting the beam back to the laser equipment. <IMAGE>

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CPC (source: EP)

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Citation (search report)

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