5. The arrangement according to claim 1;
wherein the measuring points ~~are~~ configured to be detachably fastened to the rail by means of a permanent magnet.
6. The arrangement according to claim 5;
wherein the measuring points ~~are~~ arranged at a web of the rail.
7. The arrangement according to claim 1;
wherein the measuring points are arranged at a guard rail of a grooved rail.
8. The arrangement according to claim 5;
wherein the measuring points are arranged at a guide rail of the track.
9. The arrangement according to claim 1;
wherein the measuring points are provided with a luminescent layer as a coating which emits in a narrow band.
10. The arrangement according to claim 9;
the sensor unit comprises a spectrally selective sensor for luminescent light which is adapted to the emission wavelength range of the luminescent layer.
11. The arrangement according to claim 1;
wherein the measuring points wherein are provided with an RFID chip as an identification value carrier.
12. The arrangement according to claim 11;
wherein the sensor unit comprises a radio frequency transducer for reading the RFID chip.
13. The arrangement according to claim 1;
wherein the device which can travel on tracks is a work machine selected from a group consisting of rail grinding machines and tamping machines.
14. The arrangement according to claim 13;
wherein the device which can travel on tracks is a measuring vehicle.

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