

Title (en)

Measuring device for track maintenance machines.

Title (de)

Messeinrichtung für Gleisebaumaschinen.

Title (fr)

Dispositif de mesure pour machine de construction de voies ferrées.

Publication

EP 0518822 B1 19951108 (DE)

Application

EP 92810441 A 19920609

Priority

CH 172191 A 19910610

Abstract (en)

[origin: US5255066A] The measuring device for track building machines comprises an optical receiver device having two lenses (1, 2) aligned in one axis (3) and in each case at least one associated sensor strip (4, 5). The projections of light sources (A, B, C) disposed outside the receiver device onto the sensor strips (4, 5) produce signals which are evaluated and determine the size of the angle of the light source in relation to the optical axis. The provision of light-sensitive sensor strips (4, 5) makes it possible to dispense in an advantageous manner with mechanically rotating components in the receiver device.

IPC 1-7

E01B 35/00

IPC 8 full level

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CPC (source: EP US)

E01B 35/00 (2013.01 - EP US); **E01B 2203/16** (2013.01 - EP US)

Cited by

DE102008062458B4; FR2798347A1; EP2960371B1

Designated contracting state (EPC)

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