

Title (en)

LASER HEIGHT ADJUSTMENT DEVICE FOR A CONSTRUCTION MACHINE

Title (de)

LASER-HÖHENREGELEINRICHTUNG FÜR EINE BAUMASCHINE

Title (fr)

DISPOSITIF DE REGLAGE DE HAUTEUR AU LASER POUR UN ENGIN DE CHANTIER

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Application

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Abstract (en)

[origin: WO0246533A1] The invention relates to a laser adjustment device for a construction machine (2). The inventive device is used to adjust the height of a height-adjustable machining tool (8), comprising three laser measuring heads which are oriented towards three measuring points (50, 52, 54) located at a distance from each other on a reference surface (60), in addition to an evaluation device which determines the height of the machining tool (8) in relation to the reference surface (60) on the basis of the output signals of the laser measuring heads and the known geometric arrangement of the laser measuring heads in relation to the machining tool (8), determining a control signal for height-adjustment of the machining tool (8) from said height and a theoretical height. The construction machine is a road finishing machine with a height-adjustable board (8) or a cold milling machine with a heat adjustable milling drum.

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