

Title (en)

LASER LEVELING DEVICE AND LEVELING METHOD

Title (de)

LASER-NIVELLIERGERÄT UND VERFAHREN ZUM NIVELLIEREN

Title (fr)

DISPOSITIF DE NIVEAU LASER ET PROCÉDÉ DE NIVELLEMENT

Publication

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Application

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Abstract (en)

[origin: WO2021121895A1] The invention relates to a laser leveling device (10), comprising at least one laser emitting device (14, 14a, 14b, 14c) for emitting a laser marking (16, 16a, 16b, 16c), in particular a one-dimensional laser marking, in an emission direction (18, 18a, 18b, 18c) onto a projection surface (20), said laser emitting device being characterized by a first sensor device (24) for ascertaining the actual alignment of the at least one laser emitting device (14, 14a, 14b, 14c) with respect to the projection surface (20), a controller (42) which is designed to calculate a target alignment of the at least one laser emitting device (14, 14a, 14b, 14c) at least on the basis of the ascertained actual alignment of the at least one laser emitting device (14, 14a, 14b, 14c) with respect to the projection surface (20), and a positioning device (22, 22a, 22b, 22c) for aligning the at least one laser emitting device (14, 14a, 14b, 14c) according to the target alignment. The invention additionally relates to a leveling method (100).

IPC 8 full level

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