Title (en)

DISTANCE MEASURING DEVICE FOR NON-CONTACT DISTANCE MEASUREMENT HAVING AN INTEGRATED GONIOMETER

Title (de)

ENTFERNUNGSMESSGERÄT ZUR BERÜHRUNGSLOSEN ABSTANDSMESSUNG MIT INTEGRIERTEM WINKELMESSER

Title (fr)

APPAREIL DE MESURE DE DISTANCE POUR LA MESURE DE DISTANCE SANS CONTACT AVEC UN DISPOSITIF DE MESURE D'ANGLE INTÉGRÉ

Publication

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Application

EP 10766259 A 20101006

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Abstract (en)

[origin: WO2011067013A1] The invention relates to a distance measuring device (10), comprising a goniometer (84) in addition to a distance measuring unit (32) for the non-contact measurement of a distance to a target object (70) along a distance measuring direction (68). To this end, the goniometer (84) is designed to determine an angle that correlates with an angle between a reference direction (82) and the distance measuring direction (68). The distance measuring device (10) thus combines the properties of a conventional distance measuring device, for example a laser distance measuring device, with those of a goniometer and thus makes it possible to indirectly determine, for example, sections or surface areas by determining a distance to a target object (70) and an orientation of the distance measuring device (10) at the same time.

IPC 8 full level

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