

Title (en)

AGRICULTURAL IMPLEMENT AND METHOD FOR CONTACTLESS DISTANCE MEASURING

Title (de)

LANDWIRTSCHAFTLICHES ARBEITSGERÄT UND VERFAHREN ZUR BERÜHRUNGSLOSEN ABSTANDSMESSUNG

Title (fr)

OUTIL AGRICOLE ET PROCÉDÉ DE MESURE DE DISTANCE SANS CONTACT

Publication

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Application

EP 22769409 A 20220630

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Abstract (en)

[origin: WO2023282819A1] The present invention relates to an agricultural implement (1) for working the soil, comprising a first part (30, 31, 32) and a sensor device (2). The sensor device contains a contactless sensor (10) arranged on said first part and configured to measure a distance to at least one measurement object (40, 41, 42) by means of radiation (12). Said measurement object is one of a second part (42) of the agricultural implement and the soil (41) before, during, or after the working of the soil. Said sensor device (2) further comprises a reflector (20, 21) arranged between said sensor (10) and the measurement object in the radiation's measurement direction, so that said radiation (12) changes its direction from the sensor to the measurement object by means of the reflector. The present invention furthermore relates to a method (200) for distance measurement.

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