

Title (en)
DEVICE AND METHOD FOR DETECTING A DISTANCE VALUE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ERFASSEN EINES ABSTANDSWERTES

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR DÉTECTER UNE VALEUR DE DISTANCE

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Application
EP 12770089 A 20120928

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Abstract (en)
[origin: WO2013045612A1] The invention relates to a device (200) for detecting a distance value between a first point (220) and a second point (230), the first point (220) and the second point (230) being arranged on a component (160) and at a distance from each other, perpendicular to the direction of extension (130) of the component (160), about the distance value. According to an embodiment, said device comprises a support (210) which is mechanically fixed to the first point (220), and an optical sensor (250) which is designed to detect, along a measurement path, a distance to the second point (230). The optical sensor (250) is arranged on the support (210) and is designed such that the length of a section (270) of the measurement path, which extends essentially perpendicular to the direction of extension (130), is modified due the to the relative movement of the second point (230) in relation to the first point (220). Said device, in an embodiment, can also efficiently determine a distance value.

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Citation (search report)
See references of WO 2013045612A1

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