

Title (en)

SENSOR FOR EMITTING AN ELECTRICAL SIGNAL BASED ON A PATH TO BE DETECTED

Title (de)

SENSOR ZUM AUSGEBEN EINES ELEKTRISCHEN SIGNALS BASIEREND AUF EINEM ZU ERFASSENDEN WEG

Title (fr)

CAPTEUR POUR L'ÉMISSION D'UN SIGNAL ÉLECTRIQUE EN FONCTION D'UNE COURSE À MESURER

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Application

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Abstract (en)

[origin: WO2015039754A1] The invention relates to a sensor (16) for emitting an output signal which is dependent on a rotation angle (18), comprising a shaft (34), which is rotatable around the rotation angle (18), a field encoder element (30) fastened to an axial end (39) of the shaft (34) for outputting a physical measurement field (32) and an evaluation circuit (28) arranged spaced apart from the field encoder element (30), having an air gap (31), for generating the output signal based on the physical measurement field (32), wherein the field encoder element (30) is designed such that the air gap (31) is variable in dependence on the rotation angle (18).

IPC 8 full level

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