

Title (en)
OPTOELECTRONIC ANGLE OF ROTATION SENSOR

Title (de)
OPTOELEKTRONISCHER DREHWINKELSENSOR

Title (fr)
DETECTEUR D'ANGLE DE ROTATION OPTO-ELECTRONIQUE

Publication
EP 1212586 A1 20020612 (DE)

Application
EP 00960657 A 20000913

Priority
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• EP 0008931 W 20000913

Abstract (en)
[origin: DE19944005A1] The invention relates to an optoelectronic angle of rotation sensor that comprises a multi-track digital code, an illuminated code disk (1) coupled to the rotational movement of a rotor and a sensor array (2) that consists of a plurality of individual transducer elements and that is located transversally to the direction of movement of the code disk (1) with respect to its longitudinal direction, said sensor array being designed to sense the code of the code disk (1). At least individual tracks S1-S6 of the code on the code disk (1) are provided several times and spaced apart from one another.

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IPC 8 full level
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CPC (source: EP US)
G01D 3/08 (2013.01 - EP US); **G01D 5/34794** (2021.05 - EP US)

Citation (search report)
See references of WO 0120265A1

Citation (examination)
• US 5936236 A 19990810 - SETBACKEN ROBERT [US], et al
• EP 1010967 A2 20000621 - HEIDENHAIN GMBH DR JOHANNES [DE]

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