

Title (en)
ROTATIONAL POSITION SENSOR

Title (de)
DREHPOSITIONSSENSOR

Title (fr)
CAPTEUR DE POSITION DE ROTATION

Publication
EP 4367480 A1 20240515 (EN)

Application
EP 21783053 A 20210914

Priority
• PT 11745421 A 20210910
• IB 2021058369 W 20210914

Abstract (en)
[origin: WO2023037155A1] The present invention describes a position sensor that, due to its technical characteristics, features low harmonic signal content. The proposed rotational sensor (100) comprises a stator comprised of at least one row of coil windings (101) radially disposed in a circular arrangement; wherein each coil winding comprises a set of windings whose winding distance between neighboring windings (102) comprises in-plane adapted distances.

IPC 8 full level
G01D 5/20 (2006.01)

CPC (source: EP)
G01D 5/2006 (2013.01)

Citation (search report)
See references of WO 2023037155A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023037155 A1 20230316; EP 4367480 A1 20240515

DOCDB simple family (application)
IB 2021058369 W 20210914; EP 21783053 A 20210914