

Title (en)
BRAKE LINING WEAR SENSOR

Title (de)
BREMSBELAGVERSCHLEISSSENSOR

Title (fr)
CAPTEUR D'USURE DE GARNITURE DE FREIN

Publication
EP 4367479 A1 20240515 (FR)

Application
EP 22737499 A 20220705

Priority
• FR 2107254 A 20210705
• EP 2022068644 W 20220705

Abstract (en)
[origin: WO2023280882A1] A position sensor (10) comprising a supporting structure (10) bearing two elements capable of translational movement relative to one another in a first direction (O20), namely a magnetic-field-emitting element (20) for generating a magnetic field (21), and a magnetic-field-detecting element (30, 31), the magnetic-field-emitting element (20) being arranged in such a way that an orientation of the magnetic field (21), which orientation is considered in a first plane (P) orthogonal to the first direction (O20), changes as a function of a distance (d22) separating the first plane (P) from a first end (22) of the magnetic-field-emitting element (20), the magnetic-field-detecting element (30, 31) being configured to produce a signal (30.1, 30.2) indicative of the orientation of the magnetic field (21). Brake and aircraft equipped with such a detector.

IPC 8 full level
G01D 5/14 (2006.01); **G01B 7/00** (2006.01)

CPC (source: EP)
G01D 5/145 (2013.01)

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)
FR 3124856 A1 20230106; FR 3124856 B1 20230804; EP 4367479 A1 20240515; WO 2023280882 A1 20230112

DOCDB simple family (application)
FR 2107254 A 20210705; EP 2022068644 W 20220705; EP 22737499 A 20220705