

(19)



(11)

EP 3 584 586 B1

(12)

EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention of the grant of the patent:
09.02.2022 Bulletin 2022/06

(51) International Patent Classification (IPC):
G01P 3/49 (2006.01) **G01P 3/50** (2006.01)
G01P 3/52 (2006.01)

(21) Application number: **19176947.0**

(52) Cooperative Patent Classification (CPC):
G01P 3/49; G01P 3/505; G01P 3/52

(22) Date of filing: **28.05.2019**

(54) SPEED DETECTING DEVICE AND SPEED DETECTING METHOD

GESCHWINDIGKEITSERFASSUNGSVORRICHTUNG UND
GESCHWINDIGKEITSERFASSUNGSVERFAHREN
DISPOSITIF ET PROCÉDÉ DE DÉTECTION DE VITESSE

(84) Designated Contracting States:
**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**

(30) Priority: **29.05.2018 JP 2018102399**

(43) Date of publication of application:
25.12.2019 Bulletin 2019/52

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(56) References cited:
**JP-A- H1 016 761 JP-A- H08 211 085
JP-A- 2015 152 473 JP-A- 2016 022 489
US-B1- 6 538 433 US-B2- 8 148 976**

• **THESS A ET AL: "Lorentz force velocimetry",
PHYSICAL REVIEW LETTERS, AMERICAN
PHYSICAL SOCIETY, US, vol. 96, no. 16, 28 April
2006 (2006-04-28), pages 164501-1, XP002517415,
ISSN: 0031-9007, DOI:
10.1103/PHYSREVLETT.96.164501 [retrieved on
2006-04-25]**

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