

(12) International Application Status Report

Received at International Bureau: 04 December 2019 (04.12.2019)

Information valid as of: 12 December 2019 (12.12.2019)

Report generated on: 21 September 2020 (21.09.2020)

(10) Publication number:

WO2020/110893

(43) Publication date:

04 June 2020 (04.06.2020)

(26) Publication language:

Japanese (JA)

(21) Application Number:

PCT/JP2019/045595

(22) Filing Date:

21 November 2019 (21.11.2019)

(25) Filing language:

Japanese (JA)

(31) Priority number(s):

2018-224571 (JP)

(31) Priority date(s):

30 November 2018 (30.11.2018)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

H01F 10/16 (2006.01); *C22C 19/07* (2006.01); *C22C 38/00* (2006.01); *H01F 1/047* (2006.01)

(71) Applicant(s):

NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP) *(for all designated states)*

(72) Inventor(s):

IWASAKI Yuma; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)
ISHIDA Masahiko; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)
KIRIHARA Akihiro; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)
TERASHIMA Koichi; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)
SAWADA Ryohto; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)
SOMEYA Hiroko; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)
OMORI Yasutomo; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)

(74) Agent(s):

SHIMOSAKA Naoki; Intellectual Property Management Division, NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)

(54) Title (EN): MAGNETIC ALLOY MATERIAL

(54) Title (FR): MATÉRIAU D'ALLIAGE MAGNÉTIQUE

(54) Title (JA): 磁性合金材料

(57) Abstract:

(EN): Provided is a magnetic alloy material which comprises metallic elements as main components and has a higher spin moment than iron-cobalt alloys. The magnetic alloy material is characterized by comprising iron and cobalt as main components and containing at least one element selected from the group consisting of platinum, gold, and iridium.

(FR): L'invention concerne un matériau d'alliage magnétique comprenant des éléments métalliques en tant que constituants principaux et ayant un moment de spin plus élevé que les alliages fer-cobalt. Le matériau d'alliage magnétique est caractérisé en ce qu'il comprend du fer et du cobalt en tant que constituants principaux et contient au moins un élément choisi dans le groupe constitué par le platine, l'or et l'iridium.

(JA): 金属元素を主成分とし、鉄-コバルト系合金よりもスピンのモーメントが大きい磁性合金材料を提供するために、鉄およびコバルトを主成分とし、白金、金およびイリジウムからなる群より選ばれる元素のうち少なくとも一種の元素を含むことを特徴とする磁性合金材料とする。

International search report:

Received at International Bureau: 17 February 2020 (17.02.2020) [JP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM