

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
16 January 2020 (16.01.2020)



(10) International Publication Number
WO 2020/011637 A1

(51) International Patent Classification:

C23C 16/18 (2006.01) C23C 16/455 (2006.01)

C23C 16/06 (2006.01)

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.

(21) International Application Number:

PCT/EP2019/067973

(22) International Filing Date:

04 July 2019 (04.07.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

18183135.5 12 July 2018 (12.07.2018) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): 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,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (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), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

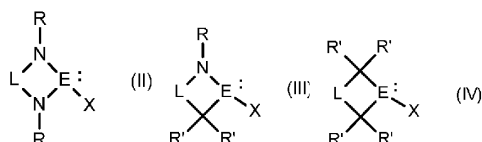
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))

(54) Title: PROCESS FOR THE GENERATION OF METAL- OR SEMIMETAL-CONTAINING FILMS



(57) Abstract: The present invention is in the field of processes for the generation of thin inorganic films on substrates, in particular atomic layer deposition processes. It relates to a process for preparing metal- or semimetal-containing films comprising (a) depositing a metal- or semimetal-containing compound from the gaseous state onto a solid substrate and (b) bringing the solid substrate with the deposited metal- or semimetal-containing compound in contact with compound of general formula (II), (III), or (IV), wherein E is Ge or Sn, R is an alkyl group, an alkenyl group, an aryl group, or a silyl group, R' are an alkyl group, an alkenyl group, an aryl group, or a silyl group, X is nothing, hydrogen, a halide, an alkyl group, an alkylene group, an aryl group, an alkoxy group, an aryl oxy group, an amino group, or an amidinate group, or an guanidinate group, L is an alkyl group, an alkenyl group, an aryl group, or a silyl group.

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