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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 September 2025 (18.09.2025)

WIPO | PCT

(10) International Publication Number
WO 2025/191157 A1

(51) International Patent Classification:
C08F 212/34 (2006.01) *C09D 125/02* (2006.01)
C08F 212/32 (2006.01) *G03F 7/00* (2006.01)
C07C 13/34 (2006.01) *H01L 21/02* (2006.01)
C09D 11/101 (2014.01)

(21) International Application Number:
PCT/EP2025/057073

(22) International Filing Date:
14 March 2025 (14.03.2025)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/566,034 15 March 2024 (15.03.2024) US

(71) Applicant: **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(72) Inventors: **LARBIG, Gregor**; c/o Merck Electronics KGaA, Frankfurter Strasse 250, 64293 Darmstadt (DE). **NOLL, Sina**; c/o Merck Electronics KGaA, Frankfurter Strasse 250, 64293 Darmstadt (DE). **DAMMEL, Ralph R.**; c/o EMD Performance Materials Corp., 251 Little Falls Drive, WILMINGTON, Delaware 19808 (US).

(74) Agent: **MERCK PATENT ASSOCIATION**; c/o Merck Patent GmbH, 64271 Darmstadt (DE).

(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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UY, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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).

Published:
— *with international search report (Art. 21(3))*
— *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*

WO 2025/191157 A1

(54) Title: CURABLE COMPOSITION

(57) Abstract: The present invention relates to a curable composition, preferably being a photo-curable composition, comprising at least a 1st monomer compound and a polymerization initiator.