

Title (en)
PROTECTIVE VARNISH, IN PARTICULAR FOR SECURITY DOCUMENTS

Title (de)
SCHUTZLACK, INSBESONDERE FÜR SICHERHEITSDOKUMENTE

Title (fr)
VERNIS PROTECTEUR EN PARTICULIER POUR LES DOCUMENTS DE SÉCURITÉ

Publication
EP 4077548 A1 20221026 (FR)

Application
EP 20837998 A 20201218

Priority
• FR 1914829 A 20191219
• EP 2020086958 W 20201218

Abstract (en)
[origin: CA3161840A1] The invention mainly relates to a radiation-curable protective varnish comprising at least one cationically or radically curable compound and at least one metal selected from among silver, copper, zinc and mixtures thereof, characterized in that said metal is in the state of zero oxidation level and in a supported particulate form.

IPC 8 full level
C09D 5/14 (2006.01); **B42D 25/29** (2014.01); **C08K 3/08** (2006.01); **C08K 3/22** (2006.01); **C08K 3/34** (2006.01); **C08K 3/40** (2006.01); **C08K 9/12** (2006.01); **C09D 7/40** (2018.01); **C09D 7/61** (2018.01); **C09D 7/62** (2018.01); **C09D 133/08** (2006.01); **C09D 163/00** (2006.01)

CPC (source: EP KR US)
B42D 25/382 (2014.10 - EP KR); **B42D 25/387** (2014.10 - EP KR); **C08K 3/08** (2013.01 - US); **C08K 3/34** (2013.01 - KR); **C08K 3/40** (2013.01 - KR US); **C08K 5/205** (2013.01 - US); **C08K 9/12** (2013.01 - KR); **C09D 5/14** (2013.01 - EP KR US); **C09D 7/61** (2017.12 - EP KR US); **C09D 7/62** (2017.12 - EP KR); **C09D 7/66** (2017.12 - US); **C09D 7/70** (2017.12 - EP KR); **C09D 133/08** (2013.01 - EP KR US); **C09D 163/00** (2013.01 - EP KR US); **C08K 3/34** (2013.01 - EP); **C08K 3/40** (2013.01 - EP); **C08K 9/12** (2013.01 - EP); **C08K 2003/0806** (2013.01 - EP KR US); **C08K 2003/085** (2013.01 - EP KR); **C08K 2003/0893** (2013.01 - EP KR)

Citation (search report)
See references of WO 2021123118A1

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BA ME

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KH MA MD TN

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FR 3105250 A1 20210625; **FR 3105250 B1 20211231**; AR 126027 A1 20230906; AU 2020409592 A1 20220707; BR 112022011924 A2 20220906; CA 3161840 A1 20210624; CL 2022001654 A1 20230217; CN 115397927 A 20221125; CO 2022008419 A2 20220809; EP 4077548 A1 20221026; JP 2023507484 A 20230222; KR 20220116525 A 20220823; MX 2022007298 A 20220912; TW 202136429 A 20211001; US 2023025929 A1 20230126; WO 2021123118 A1 20210624; ZA 202206766 B 20231129

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FR 1914829 A 20191219; AR P200103552 A 20201218; AU 2020409592 A 20201218; BR 112022011924 A 20201218; CA 3161840 A 20201218; CL 2022001654 A 20220616; CN 202080094537 A 20201218; CO 2022008419 A 20220616; EP 2020086958 W 20201218; EP 20837998 A 20201218; JP 2022537869 A 20201218; KR 20227024784 A 20201218; MX 2022007298 A 20201218; TW 109144952 A 20201218; US 202017786736 A 20201218; ZA 202206766 A 20220617