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Alexander [DE/DE]; Hueterweg 8b, 85748 Garching
(DE).

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(74) Common Representative: **MERCK PATENT GMBH**;
Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(71) Applicant (*for all designated States except US*): **MERCK
PATENT GMBH** [DE/DE]; Frankfurter Strasse 250,
64293 Darmstadt (DE).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **BÖRNER, Marc**
[DE/DE]; Kiesstrasse 51, 64283 Darmstadt (DE). **KIL-
IAN, Gernod** [DE/DE]; Eschersheimer Landstrasse
463, 60431 Frankfurt am Main (DE). **RHEIN, Rudolf**
[DE/DE]; Niemoeller Strasse 7, 64646 Heppenheim
(DE). **ARNOLD, Lucia** [DE/DE]; Schubertstrasse 10a,
64839 Münster (DE). **SCHUSTER, Michael** [DE/DE];
Karlsbader Strasse 36, 85435 Erding (DE). **LEOPOLD,**

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(54) Title: SEMICONDUCTOR SURFACE TREATMENT AND MIXTURE USED THEREIN

(57) Abstract: The present invention relates to a surface treatment composition and a method for treating the surface of a substrate using the same. More particularly, the present invention relates to a surface treatment composition comprising a liquid medium as a main component, which prevents a substrate surface from being contaminated with metal impurities from the surface treatment composition and stably provides an extremely clean substrate surface, and also relates to a method for treating the surface of a substrate by using the same. The composition comprises water, hydrogen peroxide, an alkaline compound and 2, 2-Bis- (hydroxyethyl) - (iminotris) - (hydroxymethyl) methan and/or nitrilotriacetic acid.

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