

Title (en)

COMPOSITION FOR REFINING A SUBSTRATE, IN PARTICULAR GLASS

Title (de)

ZUSAMMENSETZUNG ZUR VEREDELUNG EINES SUBSTRATS, INSBESONDERE VON GLAS

Title (fr)

COMPOSITION POUR LA FINITION D'UN SUBSTRAT, EN PARTICULIER DE VERRE

Publication

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Application

EP 18759142 A 20180831

Priority

- EP 17189142 A 20170904
- EP 2018073514 W 20180831

Abstract (en)

[origin: WO2019043182A1] The invention relates to a composition for refining a substrate, in particular glass, containing a binding matrix formed from silazane, preferably cyclo-silazane, and a cross linking agent, the crosslinking agent preferably being an alkoxy silane or an alkylamine silane. The composition also contains hard particles which have a Vickers hardness of more than 1200HV1. The matrix inclusive of hard particles penetrates the surface of the substrate, whereby the hardness and mechanical load-bearing capability of the surface are improved. The refining is particularly well suited for the protection of mobile telephone displays, and displays of other mobile devices and electronic devices.

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