

Title (en)

PROCESS FOR PRODUCING SILICONE SUBSTRATES OR SILICONE-COMPOSITE SUBSTRATES, SILICONE SUBSTRATE OR SILICONE-COMPOSITE SUBSTRATE PRODUCED BY SAID PROCESS, AND USE OF SAME

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SILIKON-SUBSTRATEN ODER SILIKONKOMPOSIT-SUBSTRATEN, MIT DEM VERFAHREN HERSTELLBARES SILIKON-SUBSTRAT ODER SILIKONKOMPOSIT-SUBSTRAT SOWIE DESSEN VERWENDUNG

Title (fr)

PROCÉDÉ DE PRODUCTION DE SUBSTRATS DE SILICONE OU DE SUBSTRATS DE SILICONE-COMPOSITE, SUBSTRAT DE SILICONE OU SUBSTRAT DE SILICONE-COMPOSITE PRODUIT PAR LEDIT PROCÉDÉ, ET SON UTILISATION

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Application

EP 20799697 A 20201029

Priority

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Abstract (en)

[origin: WO2021083993A1] The present invention relates to a process for producing silicone substrates or silicone-composite substrates, according to which process at least one silane selected from the group consisting of alkoxysilanes, hydroxysilanes and mixtures thereof is provided, at least one liquid oligosiloxane is produced from the at least one silane by a sol-gel reaction, a first cross-linking reaction is carried out, in which the at least one oligosiloxane is at least partially cross-linked to form a silicone material, and a second cross-linking reaction is carried out, in which more extensive cross-linking of the silicone material occurs in at least one portion of the silicone material, the first cross-linking reaction and the second cross-linking reaction being orthogonal relative to one another.

IPC 8 full level

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