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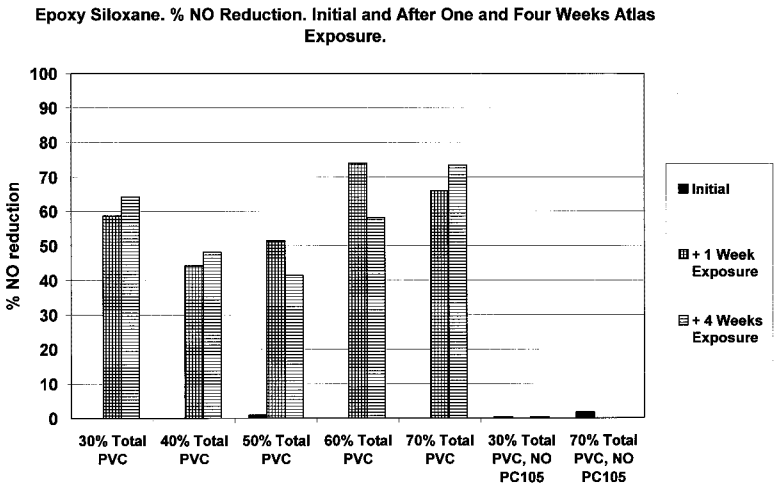
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[Continued on next page]

(54) **Title**: DE-POLLUTING AND SELF-CLEANING EPOXY SILOXANE COATING

Figure 1



(57) **Abstract**: De-polluting, self-cleaning coating compositions are disclosed which comprise photocatalytic titanium dioxide and a binder comprising an epoxy siloxane polymer. The compositions produce durable, self-cleaning coatings with photocatalytic activity against pollutants in the air, such as NO_x compounds.

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