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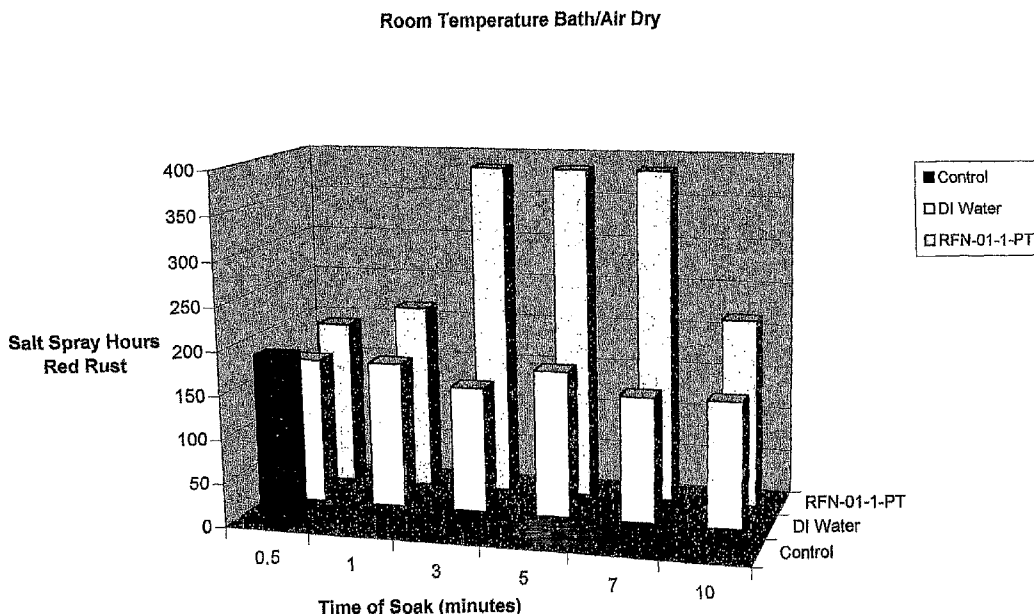
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[Continued on next page]

(54) Title: COMPOSITIONS AND METHODS FOR DARKENING AND IMPARTING CORROSION-RESISTANT PROPERTIES TO ZINC OR OTHER ACTIVE METALS



(57) Abstract: Methods and compositions that serve to both darken a zinc or other active! metal surface and impart corrosion-resistant properties thereto, are disclosed. The compositions include an aqueous solution containing about 0.1 percent to about 5 percent ammonium chloride and about 0.1 percent to about 5 percent ammonium molybdate. The compositions utilize particular ratios of concentrations of ammonium chloride and ammonium molybdate.

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