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(54) Title: CHROMATE-FREE AND PHOSPHATE-FREE CERAMIC COATING COMPOSITIONS FOR HOT CORROSION PROTECTION OF SUBSTRATES

(57) Abstract: Novel multilayer aqueous slurries and coatings for hot corrosion protection of substrates are provided that exhibit improved resistance to type II hot corrosion while also being hexavalent chromium free. The compositions represent a notable departure and performance improvement from conventional coating systems utilized for hot corrosion protection.

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