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**Hagquist et al.**

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(54) **METHOD OF POWDER COATING WOOD SUBSTRATE**

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(58) **Field of Search** ..... 427/470, 475, 427/485, 195, 202, 203, 393, 397; 428/535, 537.1, 413, 423.1

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(57) **ABSTRACT**

The invention relates to a process for coating powders on wood substrate comprising pre-treating at least one surface of the substrate with a substantially solvent free treating composition, applying a powder coating composition on the pre-treated surface of the substrate; and curing the powder coating composition. The treating composition includes at least one thermoset material and has a viscosity that is sufficiently low to allow the treating composition to wet out the surface(s) of the substrate and to penetrate into the surface fiber structure of the substrate.

**31 Claims, No Drawings**