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(54) Title: NON-STICK COATING COMPOSITION COMPRISING DIAMOND PARTICLES AND SUBSTRATE HAVING THE COMPOSITION APPLIED THERETO

(57) Abstract: A non-stick coating composition comprising diamond particles of relatively large size, i.e., greater than 1 micrometer, preferably greater than 10 micrometers, and a fluoropolymer, can be applied to a substrate. In addition, a structure comprising a substrate and an undercoat is applied to the substrate, where the undercoat comprises a primer layer comprising a heat resistant non-fluoropolymer polymer binder and diamond particles, and optionally a midcoat also comprising diamond particles.



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