

(57) Abstract: A coated substrate is configured with one or more cross-linked interfacial zones provided to improve the adhesion between the coating and substrate of the article or between adjacent coating layers. The coating composition contains molecules having at least two reactive functional groups capable of reacting with cross-linking molecules in the substrate and/or molecules in adjacent coating layers. The cross-linked interfacial zones improve the adhesion- between coatings and the substrate and between adjacent coating layers.