

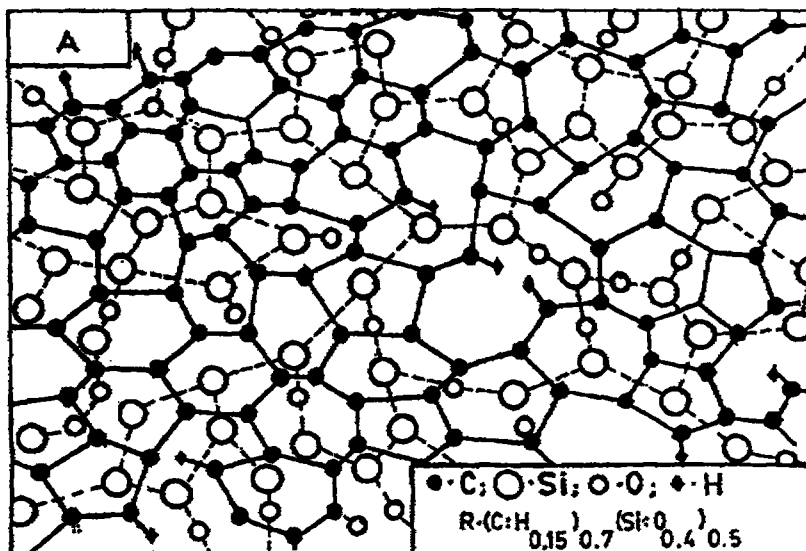
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(54) Title: METHOD FOR PRESERVING PRECISION EDGES USING DIAMOND-LIKE NANOCOMPOSITE FILM



(57) Abstract

A method for preserving the precision-edges of a precision-edged substrate by applying to a substrate a corrosion resistant coating comprising a diamond-like solid state material having interpenetrating atomic scale networks comprising a first diamond-like carbon network stabilized by hydrogen, a silicon network stabilized by oxygen, and optionally at least one network made from dopant elements or dopant compounds containing elements from Groups 1-7b and 8 of the periodic table.