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(54) **Title:** METHOD FOR MAKING FANCY ORANGE COLOURED SINGLE CRYSTAL CVD DIAMOND AND PRODUCT OBTAINED

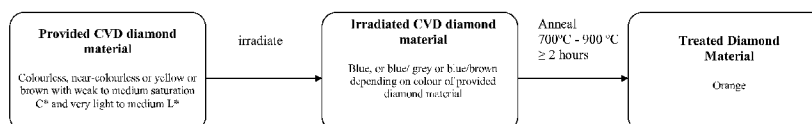


Figure 1

(57) **Abstract:** A method of making fancy orange synthetic CVD diamond material is described. The method comprises irradiating a single crystal diamond material that has been grown by CVD to introduce isolated vacancies into at least part of the CVD diamond material and then annealing the irradiated diamond material to form vacancy chains from at least some of the introduced isolated vacancies. Fancy orange CVD diamond material is also described.