

Title (en)

METHOD FOR REDUCING AND CONTROLLING HEXAFLUOROSILICATE CONCENTRATION DURING THE POLISHING OF GLASS OBJECTS IN A POLISHING BATH CONTAINING SULPHURIC ACID AND HYDROFLUORIC ACID

Title (de)

VERFAHREN ZUR VERMINDERUNG UND KONTROLLE DER HEXAFLUOROSILICAT-KONZENTRATION BEIM POLIEREN VON GLASGEGENSTÄNDEN IN EINEM SCHWEFELSÄURE UND FLUSSSÄURE ENTHALTENDEN POLIERBAD

Title (fr)

PROCEDE PERMETTANT DE REDUIRE ET DE SURVEILLER LA CONCENTRATION EN HEXAFLUOROSILICATE LORS DU POLISSAGE D'OBJETS EN VERRE DANS UN BAIN DE POLISSAGE CONTENANT DE L'ACIDE SULFURIQUE AINSI QUE DE L'ACIDE FLUORHYDRIQUE

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Abstract (en)

[origin: WO2004000747A1] The invention relates to a method for reducing and controlling the concentration of hexafluorosilicate ions arising when glass objects are polished in a polishing bath containing sulphuric acid and hydrofluoric acid. Potassium fluoride, potassium sulphate, sodium fluoride, sodium sulphate or aluminium sulphate is added to the polishing bath or sulphuric acid rinsing bath in quantities such that a drop in the concentration of fluoride ions below the optimum working range is avoided.

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