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(54) Title: SOL-GEL PROCESS

(57) Abstract: Sol-gel process comprising preparation of a solution of at least one compound having the formula $X_m - M - (OR)_n$ - m addition to the solution of the dopants, hydrolysis of the compound to form the sol, possible addition of an oxide, gelling the sol, recycling the liquid and adjusting the pH-value of the liquid in order to fix the dopants in the aquagel, gel drying and densifying to obtain the glass.

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