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(54) Title: PROCESS FOR STABILIZING HYPOPHOSPHITE

(57) Abstract: A process for stabilizing hypophosphite salt is provided, which comprises the following steps: a) washing the hypophosphite salt at least one time under a controlled pH value of 4-11, preferably 5-8, as the said hypophosphite salt in an aqueous solution and/or in a solid state; and b) drying the said hypophosphite salt under reduced pressure to remove the volatiles. The process can prevent or minimize the formation of a dangerous quantity of phosphine from hypophosphite salts, more particularly in the flame retardant of the application. The flame retardant polymer composition is also provided, which comprises a polymer and the hypophosphite salt stabilized by the above process.

