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(54) Title: NICOTINE FORMULATION

(57) Abstract: A method of manufacturing a nicotine-containing mucoadhesive film, by preparing an aqueous solution at a pH of from 9.5 to 13, said solution comprising (i) a nicotine salt, (ii) an alkaline pH-regulating agent, and (iii) a film-forming agent comprising an alginate salt of monovalent cation or a mixture of alginate salts of monovalent cations, the film-forming agent having a mean guluronate (G) content of from 50 to 85% by weight, a mean mannuronate (M) content of from 15 to 50% by weight, a mean molecular weight of from 30,000 g/mol to 90,000 g/mol and being such that a 10% aqueous solution thereof at a temperature of 20°C has a viscosity of 100-1000 mPas, as measured at a shear rate of 20 rpm by use of a Brookfield viscometer with a spindle No. 2; distributing the solution onto a solid surface; and permitting the solution to dry on said surface. A nicotine-containing mucoadhesive film.

