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(54) Title: IBUPROFEN SALT EMULSIFIERS AND CREAM FORMULATIONS CONTAINING SAME

(57) Abstract: Emulsions and creams containing ibuprofen effective for topical administration of the ibuprofen are provided without the presence of conventional O/W emulsifying agent. The emulsions and creams are formed by using the ibuprofen, in the form of its salt, as the O/W emulsifying agent. A minor amount of a W/O emulsifying agent may be included in the composition. Percutaneous delivery of ibuprofen is improved by using a skin penetration enhancing compound, such as 2-n-nonyl-1,3-dioxolane or decanaldimethyl acetal, as the oily phase of the emulsion.