Title (en)

SELF-EMULSIFYING GLASSES

Publication

EP 0489898 A4 19930609 (EN)

Application

EP 91912696 A 19910531

Priority

US 53184790 A 19900601

Abstract (en)

[origin: WO9118613A1] The present invention provides compositions and method for the preparation of emulsions and multiple emulsions. Specifically, the invention provides solids which are self-emulsifying glasses which, on contact with a sufficient amount of an aqueous phase, form emulsions or multiple emulsions without input of emulsive mixing. Emulsions and multiple emulsions produced from the self-emulsifying glasses are encompassed by this invention. The self-emulsifying glasses are prepared from certain matrix compounds and an oleaginous material by a solvent method. The glass results from removal of solvent from a combination of matrix compound, oleaginous material and a solvent which dissolves substantially all of the matrix compound. Multiple emulsions result from glasses in which the oleaginous phase is a primary, e.g. water-in-oil emulsion. The glasses and emulsions produced therefrom are particularly useful pharmaceutical, food and cosmetic applications.

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IPC 8 full level

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