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(54) Title: LIQUID-CRYSTAL EMULSION OIL IN WATER TYPE AND A PREPARATION METHOD OF THE LIQUID-CRYSTAL EMULSION

(57) Abstract: The present invention relates to liquid-crystal emulsion for the use in a termo- optical matrix to an early diagnosis of mammary gland neoplastic lesions. It contains a mixture of thermotropic liquid crystals and polyvinyl alcohol. The liquid-crystal emulsion contains 14 to 48% by weight (on a dry matter basis) of the thermotropic compounds mixture and 50 to 86% by weight (on a dry matter basis) of polyvinyl alcohol. The present invention also relates to a method for preparing liquid-crystal emulsion.



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