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Jolivet et al.

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[54] **MILK BASE ENRICHED IN CALCIUM AND ITS PREPARATION**

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[30] Foreign Application Priority Data

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[57] ABSTRACT

[51] **Int. Cl.**⁶ **A23K 1/175**; A23C 3/02; A23C 3/023

A UHT-treated or sterilized or ultrapasteurized milk base product is obtained without the presence of thickening or gelling agents by adding calcium glycerophosphate and a calcium chelating agent to a milk base, the pH of the calcium-enriched milk base product is adjusted to a pH of between 6.6 to 7.2 and then the pH-adjusted product is subjected to UHT treatment and that product is packaged, or alternatively, calcium glycerophosphate and a chelating agent are added to water to obtain a mixture, the pH of the mixture is adjusted to a pH of between 6.6 to 7.2 to obtain a solution, the solution is heat-treated to sterilize it, and then the sterilized solution is metered into a milk base which has been sterilized or ultrapasteurized.

[52] **U.S. Cl.** **426/74**; 426/130; 426/399; 426/580; 426/590; 426/522

[58] **Field of Search** 426/74, 112, 580, 426/590, 399, 522, 130

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24 Claims, No Drawings