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Irvine et al.

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[54] **MILK SUBSTITUTE**

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Related U.S. Application Data

[63] Continuation of Ser. No. 469,473, Mar. 2, 1983, abandoned, which is a continuation of Ser. No. 301,198, Sep. 11, 1981, abandoned, which is a continuation of Ser. No. 194,294, Apr. 21, 1980, abandoned.

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[58] **Field of Search** 426/2, 335, 532, 580, 426/583, 585, 588, 807

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[57] **ABSTRACT**

A milk substitute suitable for feeding young mammalian animals in the form of an unreconstituted powder, containing more than 10% casein, is given an extended storage life following reconstitution by the presence of a pH-responsive preservative, such as propionate, an edible acid, such as malic acid, which generates a pH in the milk substitute immediately after reconstitution in the range 6 to 5.2, and optionally a water-soluble phosphate.

24 Claims, No Drawings