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**Johnston**

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[54] **PROCESS FOR ENHANCING THE NUTRITIONAL VALUE OF SOY PROTEIN FOR THE YOUNG ANIMAL**

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[58] **Field of Search** ..... 426/2, 21, 630, 426/19, 28

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[57] **ABSTRACT**

The present invention provides a novel soy flour-wheat flour feed, referred to herein as "MSWF feed" useful as a protein source in the diets of animals. Such MSWF feed is particularly useful for at least partially replacing milk as a protein source in the diets of young animals. The MSWF feed comprises modified soy flour, modified wheat flour and malted grain, preferably malted barley, and preferably yeast. Preferably, the wheat flour and soy flour is added in a ratio of from about 2:1 to about 0.1:9.9, by weight; and from about 0.25 to about 25%, by weight, of the combined soyflour-wheat flour weight, of the malted grain. Unlike conventional soy flour, the MSWF feed does not induce diarrhea, poor growth or weight loss associated with an allergic response. The MSWF feed is useful in the diets of young domestic animals, and is also useful as a food for humans particularly where an allergic reaction to soy flour is a problem. In the preferred embodiment, the MSWF feed is also useful in that it possesses improved suspending and dispersing characteristics when compared to conventional soy flour. The invention also relates to the process for feeding with the MSWF feed and making the MSWF feed.

**16 Claims, No Drawings**