United States Patent [19]

Procter

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[54] **PROCESS FOR PREPARING A DEHYDRATED PROTEIN PRODUCT FROM ANIMAL MATTER**

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[30] **Foreign Application Priority Data**

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[51] **Int. Cl.**[3] **A23J 1/10**; A23K 1/00; A23K 1/10

[52] **U.S. Cl.** ..... **426/285**; 71/15; 71/19; 71/64 D; 426/453; 426/473; 426/518; 426/519; 426/641; 426/651; 426/805; 426/807

[58] **Field of Search** ..... 426/285, 641, 643, 644, 426/646, 657, 453, 471, 473, 518, 519, 520, 805, 807; 71/15, 16, 19, 20, 22, 64 D, 64 DC

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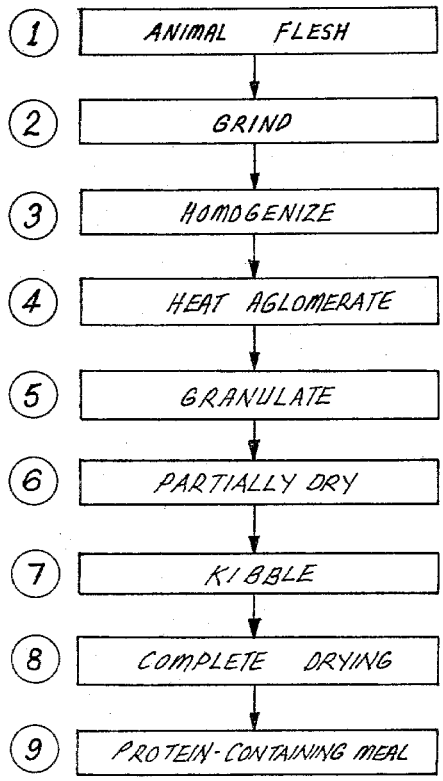
[57] **ABSTRACT**

A process for the production of dehydrated foodstuffs, feedstuffs or plant fertilizers includes the following steps: (a) preparing protein-containing animal matter to a particulate size acceptable to homogenizing equipment; (b) subjecting the comminuted matter to ultra homogenization; (c) heating the resultant homogenate to a temperature of between about 50° C. and 85° C. to agglomerate the protein; (d) granulating the agglomerate; (e) drying the granules at a temperature not greater than 95° C. until their moisture content is within the range of about 20% to about 50% by weight; (f) passing the partially dried granules through a mincer to form kibbles; (g) drying the kibbled material to achieve a moisture content not more than 8% by weight.

8 Claims, 2 Drawing Figures