

# United States Patent [19]

Chambers et al.

[11] Patent Number: **4,547,386**

[45] Date of Patent: **Oct. 15, 1985**

[54] **LACTOSE/CHEESE WHEY/WHEY  
FILTRATE SEMI-SOLID ANIMAL FEED  
SUPPLEMENT**

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[21] Appl. No.: **583,958**

[22] Filed: **Feb. 27, 1984**

[51] Int. Cl.<sup>4</sup> ..... **A23K 1/08**

[52] U.S. Cl. .... **426/583; 426/74;  
426/465; 426/512; 426/520; 426/658; 426/807**

[58] Field of Search ..... **426/465, 583, 658, 2,  
426/623, 630, 636, 807, 573, 69, 334, 74, 512,  
520**

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[57] **ABSTRACT**

A process is disclosed for forming an animal feed block from whey. By-product whey is concentrated to form a whey concentrate having a solids content of at least about 45%. A divalent cation containing material, such as calcium phosphate, is added to the concentrate. The pH of the concentrate is then adjusted to between about 4.0 and about 6.0, and preferably between about 4.6 and about 5.0. The concentrate can then be poured into a mold, such as a cardboard box. The concentrate is dried to form a feed block having a water content of less than about 32%. Additionally, a whey feed block is disclosed which is produced by the above-described process.

**19 Claims, 3 Drawing Figures**