United States Patent

Uhlig et al.

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[54] **ENZYMATIC TREATMENT OF SOYA MEAL**

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[51] **Int. Cl.** **A23l 1/20**

[58] **Field of Search** 99/9, 98, 99, 64, 2; 260/123.5

[56] **References Cited**

UNITED STATES PATENTS

3,097,947	7/1963	Kemmerer	99/64
3,258,407	6/1966	Blanchon	99/9
3,284,212	11/1966	Tribble et al.	99/9

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[57] **ABSTRACT**

Soya meal is treated with a pectolytic enzyme alone or in combination with a cellulase or a cellulase and hemicellulase to give a soya product having a content of soluble reducible sugar increased to 10—25 percent by weight. An animal fodder combines 5–25 parts by weight of the treated product with 95–75 parts of powdered milk.

6 Claims, No Drawings