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(54) **COMPACTED RUMEN PROTECTED NUTRIENT PELLETS AND METHOD OF MANUFACTURE**

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CPC ***A61K 31/455*** (2013.01); ***A23K 20/142*** (2016.05); ***A23K 20/158*** (2016.05); ***A23K 20/174*** (2016.05); ***A23K 20/22*** (2016.05); ***A23K 20/24*** (2016.05); ***A23K 20/30*** (2016.05); ***A23K 40/35*** (2016.05); ***A61K 9/1617*** (2013.01); ***A61K 9/1682*** (2013.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

A process for producing a compacted rumen-protected nutrient pellet and the resultant pellet. The process includes the steps of (i) blending a C4-24 fatty acid and a biologically active ingredient to form solid central core particles, (ii) compacting the core particles to form pellets, and (iii) sequentially coating the pellets with an organic solvent and a fatty acid alkali metal or alkaline earth metal salt.

37 Claims, No Drawings