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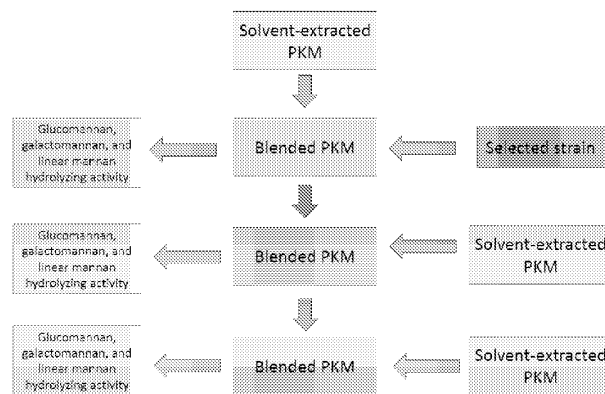


Figure 1

(57) Abstract: The present invention relates to a *Bacillus subtilis* strain isolate DSM33646 which is capable of propagating and secreting mannolytic enzymes to hydrolyse at least three forms of mannan polymers upon contact with solvent- extracted palm kernel meal. The present invention also relates to a method for producing an enriched palm- based animal feed having a reduced mannan polymer content by contacting palm kernel meal with the said bacteria strain isolate.



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