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(54) Title: MIXTURE OF AT LEAST 6 SPECIES OF LACTIC ACID BACTERIA AND/OR BIFIDOBACTERIA IN THE MANUFACTURE OF SOURDOUGH

(57) Abstract: A mixture of at least 6 species of lactic acid bacteria and/or Bifidobacteria is disclosed for use in bakery and medical field. The preferred mixture comprises *Streptococcus thermophilus*, *Bifidobacterium infantis*, *Bifidobacterium longum*, *Bifidobacterium breve*, *Lactobacillus acidophilus*, *Lactobacillus plantarum*, *Lactobacillus casei*, *Lactobacillus delbrueckii* subsp. *bulgaricus*. Said mixture is useful for a sourdough, a leavening composition. Baked goods and other food products obtained therefrom are disclosed. These goods have low or no gluten content and are suitable for the integration of the diet of a subject suffering from celiac disease, for decreasing the risk of allergies due to wheat flour al-bumins and globulins, for the treatment of schizophrenic symptoms, in the preparation of products for enteric diet.

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