

Title (en)  
INDUCED VISCOSITY FIBRE SYSTEM FOR THE TREATMENT OR PREVENTION OF GASTRO-OESOPHAGEAL REFLUX (GOR)

Title (de)  
FASERSYSTEM MIT INDUZIERTER VISKOSITÄT ZUR BEHANDLUNG ODER PRÄVENTION VON SPEISERÖHRENREFLUX

Title (fr)  
SYSTÈME DE FIBRE DE VISCOSITÉ INDUITE POUR LE TRAITEMENT OU LA PRÉVENTION DE REFLUX GASTRO- SOPHAGIEN (GOR)

Publication  
**EP 3013156 A1 20160504 (EN)**

Application  
**EP 13736985 A 20130624**

Priority  
NL 2013050448 W 20130624

Abstract (en)  
[origin: WO2014209106A1] The invention pertains to the use of pectin and alginate in the manufacture of a liquid nutritional composition in the treatment or prevention of gastro-oesophageal reflux in a patient, said composition comprising pectin and alginate, said composition exhibiting a maximum gel strength at a pH in the range between 3.5 and 5, said gel strength expressed as storage modulus G' between 200 and 10,000 Pascal. A combination of low methylated pectin and (sodium) alginate was found to have the strongest thickening effect directly after entry in the stomach, which initial increase in viscosity (at the beginning of the stomach) is decreased later when the pH becomes lower than 4 (i.e. the pH at the end of the stomach). This decrease in viscosity at the lower part (antrum and pylorus) of the stomach stimulates the gastric emptying time of the food consumed.

IPC 8 full level  
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Citation (search report)  
See references of WO 2014209106A1

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