

Title (en)

CROSS-LINKED POLYSACCHARIDES, A METHOD OF MAKING THEM AND THEIR USE.

Title (de)

VERNETZTE POLYSACCHARIDE, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG.

Title (fr)

POLYSACCHARIDES RETICULES, PROCEDE DE FABRICATION ET UTILISATION.

Publication

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Application

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Priority

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Abstract (en)

[origin: US5688776A] PCT No. PCT/EP93/00225 Sec. 371 Date Sep. 16, 1994 Sec. 102(e) Date Sep. 16, 1994 PCT Filed Feb. 1, 1993 PCT Pub. No. WO93/19095 PCT Pub. Date Sep. 30, 1993The invention relates to polysaccharides which are crosslinked with bifunctional crosslinkers and are no longer water-soluble but are still biodegradable, have a swelling of from 100 to 1000%, where the swelling, which means the percentage gain in weight, is determined by the following equation: $A = \frac{W_t - W_o}{W_o} \times 100$ in which A is the percentage gain in weight, W_o is the weight of the dry polymer and W_t is the weight of the swollen polymer saturated with water. It likewise relates to a process for preparing the crosslinked polysaccharides and to the use of the crosslinked polysaccharides for coating and/or embedding medicinal active substances or drug compositions. The invention furthermore relates to a drug which contains an active substance which acts in the large intestine or an active substance which is broken down on passing through the stomach or small intestine, coated with or embedded in one of the crosslinked polysaccharides.

IPC 1-7

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