

Title (en)  
CHITOSAN AND APPLICATIONS THEREOF

Title (de)  
CHITOSAN UND ANWENDUNGEN DAVON

Title (fr)  
CHITOSANE ET SES APPLICATIONS

Publication  
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Application  
**EP 20726469 A 20200520**

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Abstract (en)  
[origin: WO2020239591A1] The present invention relates to a crosslinked carboxyalkyl chitosan forming a matrix, compositions comprising same, a method for manufacturing same, and the different applications thereof, in particular in the field of therapy, rheumatology, ophthalmology, aesthetic medicine, plastic surgery, internal surgery, dermatology, gynaecology or cosmetics. The invention relates in particular to a matrix comprising at least one carboxyalkyl chitosan having glucosamine units, N-acetylglucosamine units and glucosamine units substituted with a carboxyalkyl group, the carboxyalkyl chitosan having a degree of acetylation ranging from 40% to 80%, expressed as the number of moles of N-acetyl groups relative to the number of moles of total glucosamine units, the carboxyalkyl chitosan being crosslinked by covalent bonds between the chains of carboxyalkyl chitosan.

IPC 8 full level  
**C08B 37/08** (2006.01); **C08L 5/08** (2006.01)

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**A61K 9/0019** (2013.01 - CN); **A61K 9/06** (2013.01 - CN); **A61K 31/722** (2013.01 - CN); **A61K 31/728** (2013.01 - CN);  
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**C08L 2203/02** (2013.01 - KR US); **C08L 2205/025** (2013.01 - US)

C-Set (source: CN)  
1. **A61K 31/722 + A61K 2300/00**  
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