

Title (en)  
HYDROGELS COATED WITH STERIC OR ELECTROSTATIC SPACERS

Title (de)  
HYDROGELE MIT STERISCHEN ODER ELEKTROSTATISCHEN ABSTANDHALTERN BESCHICHTET

Title (fr)  
HYDROGELS REVETUS DE SEPARATEURS STERIQUES OU ELECTROSTATIQUES

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Application  
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Abstract (en)  
[origin: WO02053199A1] The invention relates to non-water soluble hydrogels which can swell in water, and which are coated with steric or electrostatic spacers. Before being coated, the hydrogels comprise the following characteristics: absorbency under load (AUL) (0.7 psi) of at least 20 g/g, and gel strength of at least 1600 Pa. The coated hydrogels preferably have the following characteristics: centrifuge retention capacity (CRC) of at least 24 g/g, saline flow conductivity (SFC) of at least  $30 \times 10^{-7}$  cm<sup>3</sup> s/g, and free swell rate (FSR) of at least 0.15 g/g s and/or a maximum vortex time of 160 s.

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