

## Summaries of UK Patent Applications

**Anionic Polymeric Hydrogels and Process for Making the Same.** GB 2227 492A. Filed 26 January 1990, published 1 August 1990. Applications — Kuwait Institute for Scientific Research, Safut, Kuwait.

Anionic polymeric hydrogels based on sulfonated amino aldehyde resins are described. The hydrogels may include poly(*N*-vinyl 2-pyrrolidone) and other additives such as starch and hydroxyethyl cellulose. The gels may be prepared by a process in which melamine and/or urea is reacted with formaldehyde, sulfonated, condensed to form a viscous gel and dried.

**A Process for Treating Fibrous Cellulosic Webbs and Liquids for use therein.** GB 2227 493A. Filed 25 November 1988, published 1 August 1990. Applicants — Skan Securities Ltd, Tortola, British Virgin Islands.

A method of treating fibrous cellulosic webb for manufacture of corrugated or laminated sheets or tubes suitable for use in the building industry or for packing is described.

**Cosmetic Formulation.** GB 2228 736A. Filed 25 January 1990, published 5 September 1990. Applicants — Sterivet Laboratories Ltd, Ontario, Canada.

A heat-stable, purified, heat-sterilized fraction of hyaluronic acid is described which is suitable for use in cosmetic formulations for application to the skin. A formulation for such cosmetic use includes an aqueous solution of the heat-stable fraction of hyaluronic acid and preservatives.

**Wound Dressings.** GB 2229 443A. Filed 7 March 1990, published 26 September 1990. Applicants — American Cyanamid Company, New Jersey, USA.

A wound dressing composition comprising a gel-forming and film-forming component is described. The composition originally at low temperature is poured onto the skin and then gels as the temperature rises. Low viscosity hydroxyethyl cellulose is particularly advantageous as the film-forming ingredient and block copolymers of polyoxyethylene-polyoxypropylene are particularly useful as the gelling component.

**Starch.** GB 2231 880A. Filed 3 April 1989, published 28 November 1990. Applicants — Warner-Lambert Company, New Jersey, USA.

A starch containing bound phosphate groups and having a water content of 5–30% by weight with specific ratios of cations and protons bound to the phosphate groups is described. The starch may be used to form a melt of deconstructurized starch for moulding purposes.