

Summaries of UK Patent Applications

Finally Powdered Hyaluronic Acid or Sodium Hyaluronate. GB 2218 429A. Filed 11 May 1989, published 15 November 1989. Applicants — Chisso Corporation, Osaka, Japan.

A process for producing finely powdered hyaluronic acid or sodium hyaluronate having an average particle size of 3–20 μm is described. This involves suspending the hyaluronic acid or sodium hyaluronate in an organic solvent, grinding the suspension with a wet-type grinder, removing the organic solvent and drying the ground hyaluronic acid or sodium hyaluronate.

New Polymer Composition. GB 2218 994A. Filed 26 May 1988, published 29 November 1989. Applicants — Warner Lambert Co., New Jersey, USA.

A mixed polymer melt containing a 'destructured' hydrophilic polymer and a water-insoluble thermoplastic polymer is described. A hydrophilic polymer is considered as a polymer which exhibits an inflection in the water sorption isotherm close to a water activity of 0.5. The preferred hydrophilic polymer is gelatin but water soluble polysaccharides and cellulose derivatives are also claimed. Typical thermoplastic polymers include the polyolefins.