

Title (en)  
SOLID AQUEOUS GEL COMPRISING A HYDROPHILIC GELLING AGENT AND STARCH, COMPOSITION COMPRISING SAME AND USES

Title (de)  
WÄSSRIGES FESTGEL, ENTHALTEND EIN HYDROPHILES GELIERMITTEL UND STÄRKEZUSAMMENSETZUNG, DIE DIESES GEL ENTHÄLT UND VERWENDUNGEN

Title (fr)  
GEL AQUEUX SOLIDE COMPRENANT UN GELIFIANT HYDROPHILE ET DE L'AMIDON, COMPOSITION LE COMPRENANT, UTILISATIONS

Publication  
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Application  
**EP 00951580 A 20000613**

Priority  

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- FR 9907770 A 19990618

Abstract (en)  
[origin: FR2795081A1] The gel comprises at least one hydrophilic gelling agent and at least starch or its derivatives A solid aqueous gel comprises:  
(i) at least one hydrophilic gelling agent; and (ii) at least one of starch or its derivatives. It has a hardness defined by critical breaking strength 5-50 g, at ambient temperature, after penetration by stainless steel mobile of 2 mm diameter into the gel matrix of thickness of 1 mm, at speed 1 mm/sec and withdrawing this mobile at speed 2 mm/sec. Hydrophilic gelling agent is present in amount up to 20 (especially 0.2-10) wt.% per total wt. of gel, and is selected from polysaccharides, protein derivatives, synthesis or hemisynthesis gels of polyester type, especially sulfonic, polyacrylates or polymethacrylates, and their derivatives. The starch component is selected from maize, rice, manioc, potato, wheat, pea and millet starch, natural or modified, and is present in amount 0.3-20 (preferably 1-10) wt.%. The gel preferably also contains powdered phase comprising pigment and/or mother-of-pearl and/or filler. Pigments can be of mineral or organic type while the mother-of-pearl can be natural, of mica/titania type, iron oxide, natural pearl pigment or bismuth oxychloride as well as colored mica titanium, and they are present in gel in amount up to 40 (preferably 0.1-30) wt.% each. Fillers can be of mineral, organic or polymeric type, or they may be in form of glass or ceramic microcapsules, and they are present in gel in amount up to 60 (preferably 0.1-40) wt.% per total wt. of gel. The gel may also contain salt, water-soluble colorant, cosmetically or physiologically acceptable medium, and solvent, as well as up to 99.8 (preferably 20-99) wt.% of water, and additional compounds selected from antioxidants, essential oils, preservatives, lipophilic or hydrophilic active substances of cosmetic or pharmaceutical type, hydration agents, vitamins, essential fatty acids, sphingolipids, self-tanning compounds, solar filters, fragrances and their mixtures. Independent claims are also included for: (1) a solid composition, with a continuous aqueous phase, comprising a gel as above; (2) a cosmetic make-up product, comprising a gel as above and/or a composition as above, for skin, keratin fibers and mucous membranes; and (3) a process of make-up of skin and/or keratin fibres, comprising application of a gel and/or a composition and/or a product as above.

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