

Abstract

WETTABLE HYDROGEL CONTACT LENS AND METHOD FOR PRODUCING SAME

Disclosed is a hydrogel contact lens which has improved and long-lasting wettability in the surface and inner structures, while exhibiting excellent contamination resistance, shape stability and mechanical strength. Also disclosed is a method for producing the hydrogel contact lens. The wettable hydrogel contact lens is characterized by containing an ionic hydrophilic polymer which is a compound having a hydroxy group and an anionic group. The method for producing a hydrogel contact lens is characterized in that a constituent component of the hydrogel contact lens is a copolymer containing at least a cationic monomer and an anionic monomer, and in that the method comprises a step wherein counter ions of the monomers form ionic bonds and a step wherein an ionic hydrophilic polymer, which is a compound having a hydroxy group and an anionic group, is contained.

Figure 1