

ABSTRACT

A production method of an aqueous pigment dispersion liquid of the present invention includes: a kneading step of kneading a mixture including (a) C. I. pigment violet 23, (b) a styrene-acrylic acid-based copolymer with an acid value of 50 to 300 mgKOH/g, (c) an alkali metal hydroxide, (d) water, and (e) a wetting agent, thereby producing a colored, kneaded material; and a dispersion step of dispersing the pigmented, kneaded material in an aqueous medium by using a dispersing machine with media, wherein the mass ratio of (b) / (a) in the kneading step is within a range of 0.15 to 0.45, the mass ratio of (d) / (a) in the first half of the kneading step is within a range of 0.04 to 0.42, and the change in viscosity of materials to be dispersed in the dispersion step is 10% or lower.