

WATER TREATMENT METHOD AND APPARATUS THEREFOR

ABSTRACT

[Object] To provide a water treatment method and an apparatus therefor, wherein after an anionic polymer flocculant is added to water to be treated, granulation is performed by stirring, and solid-liquid separation is then performed to obtain treated water, and wherein flocs which are not disintegrated by a shearing force during stirring and have a preferable settling property can be formed, so that the quality of treated water is also improved.

[Solution] A water treatment method including a flocculating step of adding an anionic polymer flocculant to water to be treated to form flocculated flocs, a subsequent granulating step of stirring the water to be treated to granulate the flocculated flocs, and a solid-liquid separation step of performing solid-liquid separation of generated granulated substances, wherein a cationic polymer flocculant having a cationic group rate of 10 to 50 mole% is added to the water to be treated before the anionic polymer flocculant is added.

FIGURE 1