

ABSTRACT OF THE DISCLOSURE

PROCESS FOR PRODUCING CYCLOHEXANONE OXIME

There is provided a process for producing cyclohexanone oxime in a continuous reaction system by preparing a reaction mixture in a reactor in which mixture
5 a titanasilicate catalyst is dispersed and into which cyclohexanone, hydrogen peroxide and ammonia are fed through a feeding orifice of cyclohexanone, a feeding orifice of hydrogen peroxide and a feeding orifice of ammonia respectively,

10 wherein the reaction mixture forms a circulating flow in the reactor and the feeding orifice of hydrogen peroxide and the feeding orifice of ammonia are provided in thus indicated order on the downstream side of said circulating flow based on the feeding orifice of cyclohexanone.