

Use of shaped articles as catalyst for preparing caprolactam

Abstract

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Shaped articles essentially comprising a catalytically active oxide are used as a catalyst which has no soluble constituents under the reaction conditions for preparing cyclic lactams by reacting aminocarbonitriles with water in the liquid phase in a
10 fixed bed reactor, said catalyst consisting of shaped articles obtainable by shaping the oxide into shaped articles and, before or after said shaping, treating the oxide with from 0.1 to 30% by weight, based on the oxide, of an acid in which the oxide is sparingly soluble.

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