

Title (en)

TITANIUM DIOXIDE-CATALYSED CYCLISATION IN THE LIQUID PHASE OF 6-AMINO CAPROIC ACID NITRILE TO CAPROLACTAM

Title (de)

TITANDIOXIDKATALYSIERTE CYCLISIERUNG IN FLÜSSIGER PHASE VON 6-AMINOCAPRONSAÜRENITRIL ZU CAPROLACTAM

Title (fr)

CYCLISATION EN PHASE LIQUIDE CATALYSEE PAR DIOXYDE DE TITANE DE NITRILE D'ACIDE 6-AMINO CAPROIQUE EN CAPROLACTAME

Publication

**EP 0815077 A1 19980107 (DE)**

Application

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- EP 9601891 W 19960507

Abstract (en)

[origin: DE19517821A1] Production of cyclic lactams by the reaction of amino carboxylic acid nitriles with water, performed in the liquid phase in the presence of heterogeneous catalysts based on titanium dioxide with a rutile content in the range from 0.1 to 95 wt.% and an anatase content in the range from 99.9 to 5 wt.% in relation to the total titanium dioxide content.

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