

Title (en)

USE OF BASIC AMIDES FOR INCREASING THE POROSITY IN PAPER OR PAPER-LIKE MATERIALS

Publication

EP 0201761 B1 19890531 (DE)

Application

EP 86105464 A 19860421

Priority

- DE 3515479 A 19850430
- DE 3527976 A 19850803

Abstract (en)

[origin: EP0201761A1] 1. Use of basic amides from amine mixtures which are obtained as tetramine bottom product in the industrial synthesis of dialkylenetriamines, in particular, dipropylenetriamine and more particularly diethylenetriamine from dihalogenoalkanes and ammonia after the triamine fraction has been distilled off or which are obtained in the industrial synthesis of diethylenetriamine and ethylenediamine from 1,2-dichloroethane and ammonia and long-chain fatty acids or fatty acid mixtures which have a melting point below 30 degrees C, for enhancing the porosity of paper or paperlike materials.

IPC 1-7

D21H 3/12

IPC 8 full level

D21H 17/07 (2006.01)

CPC (source: EP)

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Cited by

US5399241A; US5354693A; US12068961B2; EP0513802B1

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