

Title (en)

PROCESS FOR THE MANUFACTURE OF HIGHLY CONCENTRATED AQUEOUS SOLUTIONS OF SALTS OF DICARBOXYLIC ACIDS WITH DIAMINES AND/OF POLYAMIDE PRECONDENSATES AND THEIR USE

Publication

EP 0000157 B1 19810401 (DE)


Application

EP 78100175 A 19780616

Priority

DE 2728817 A 19770627

Abstract (en)

[origin: US4213884A] A process for the manufacture of a highly concentrated aqueous solution of a salt of a dicarboxylic acid and a diamine, as well as of a nylon precondensate, by reacting an alkanedicarboxylic acid of 6 to 12 carbon atoms and a diamine of the formula $\text{NH}_2\text{R}\text{NH}_2$, where R is alkylene of 6 to 12 carbon atoms or is  An aqueous solution, of lower concentration, of a salt of a dicarboxylic acid and a diamine, containing an appropriate dissolved excess of the particular dicarboxylic acid, is reacted with the particular diamine in the molten state, in an equivalent amount to the dissolved dicarboxylic acid, the reaction being carried out under superatmospheric pressure and the final reaction temperature being kept at from 140 DEG to 210 DEG C. The solution obtained is used for the manufacture of a nylon.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

C07C 51/412 (2013.01 - EP US); **C08G 69/28** (2013.01 - EP US)

C-Set (source: EP US)

1. **C07C 51/412** + **C07C 55/14**
2. **C07C 51/412** + **C07C 55/02**

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DOCDB simple family (publication)

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