

Title (en)

PROCESS FOR CONTINUOUS PRODUCTION OF HOMOPOLYMERS OF ETHYLENE IMINE

Title (de)

VERFAHREN ZUR KONTINUIERLICHEN HERSTELLUNG VON HOMOPOLYMERISATEN DES ETHYLENIMINS

Title (fr)

PROCEDE DE PRODUCTION EN CONTINU D'HOMOPOLYMERES DE L'ETHYLENE-IMINE

Publication

**EP 0865459 A1 19980923 (DE)**

Application

**EP 96942273 A 19961128**

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Abstract (en)

[origin: DE19545874A1] The invention relates to a process for continuous production of homopolymers of ethylene imine by polymerisation of ethylene imine in a solvent in the presence of catalysts at temperatures of at least 80 DEG C in a homogenous fluid phase in a tubular reactor in which the ratio of the length to the internal diameter is at least 5. Polyethylene imines with a secondary nitrogen atom content of greater than 40 to 60 % and a molecular weight distribution Mw/Mn of 1.5 to 3 are obtained.

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IPC 8 full level

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