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(54) Title: HIGHLY HEAT-INTEGRATED PROCESS FOR PREPARING PURIFIED EPSILON-CAPROLACTAM FROM
POLYAMIDE 6

(57) Abstract: A process for preparing purified ϵ -caprolactam from polyamide 6 contained in a solid material M, wherein the process
comprises preparing an aqueous liquid stream comprises ϵ -caprolactam, subjecting this liquid stream to depressurization in an evapo-
ration unit from which aqueous vapor streams SEV1, SEV2 and SEV3 are obtained which have different pressures and which are then
used as heat source for heat-consuming purification units used for preparing a purified ϵ -caprolactam.

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