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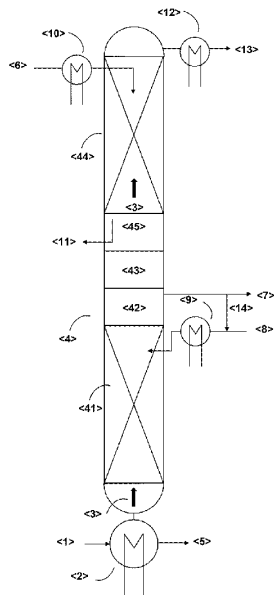
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(54) Title: IMPROVED PROCESS FOR THE DEPOLYMERIZATION OF POLYURETHANE

Figure



(57) Abstract: The present invention relates to an improved process for producing recycled polyols ("P_{PU}") and recycled amines ("A_{PU}") from polyurethane ("PU"), in particular polyurethane waste. PU is hydrolyzed, and a raw product ("R_H") comprising an organic phase ("P_O"), which typically comprises the main part of the polyols P_{PU} and amines A_{PU} that result from the hydrolysis of the PU, and an aqueous phase ("P_W") are obtained. At least a part of P_O ("P_{O1}") is then separated from R_H. Residual water W and amines A_{PU} are separated from P_{O1} by distillation to obtain water vapor V and an amine fraction F_A. At least a part P_{O3} of the remaining organic phase P_{O2}, which typically contains the main fraction of the polyols P_{PU}, is then further purified by stripping, wherein the water vapor V is used as countercurrent stripping gas. Preferably, the distillation of water from P_{O1} and the stripping step are carried out in the same column K₁.

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