

Title (en)
METHOD FOR PRODUCING ETHYLENEAMINES FROM UNTREATED AAN

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ETHYLENAMINEN AUS ROH-AAN

Title (fr)
PROCÉDÉ DE FABRICATION D'ÉTHYLÉNAMINES À PARTIR D'AAN BRUT

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Abstract (en)
[origin: WO2008104578A1] The invention relates to a method for producing an ethyleneamine mixture, comprising the following steps: a) untreated AAN, which is substantially devoid of formaldehyde cyanohydrin (FACH), is heated to a temperature of between 50 and 150 °C to obtain an aminonitrile mixture containing amino acetonitrile (AAN) and between 5 and 70 % by weight of iminodiacetonitrile (IDAN); b) the aminonitrile mixture obtained in step a) is hydrogenated in the presence of a catalyst. Ethylenediamine (EDA) and/or diethylenetriamine (DETA) and optionally other ethyleneamines can be isolated from the ethyleneamine mixtures thus obtained.

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