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(54) Title: METHOD FOR THE PURIFICATION OF ACROLEIN



(54) Titre : PROCEDE DE PURIFICATION DE L'ACROLEINE

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(57) Abstract: The invention relates to a continuous method for the purification of acrolein, wherein: an aqueous acrolein solution is supplied, devoid of gas which is difficult to condense, in a distillation column fitted with at least one boiler at the base thereof and with at least one condenser at the head thereof; a mixture which essentially contains water is drawn off at the base of the distillation column; a mixture which essentially contains acrolein and water is drawn off at the head of the distillation column; the mixture drawn off from the head of the distillation column is cooled in the condenser to a temperature enabling an aqueous condensate to be obtained, in addition to a substantial amount of a gaseous mixture which is rich in acrolein; the purified acrolein is isolated in the gaseous mixture which is rich in acrolein.

(57) Abrégé : La présente invention a donc pour objet un procédé continu de purification de l'acroléine dans lequel : - on alimente une solution aqueuse d'acroléine dépourvue de gaz difficilement condensable, dans une colonne de distillation équipée à sa base d'au moins un bouilleur et sa tête d'au moins un condenseur, - on soutire à la base de la colonne de distillation un mélange comprenant essentiellement de l'eau, - on soutire en tête de la colonne de distillation un mélange comprenant essentiellement de l'acroléine et de l'eau, - on refroidit, dans le condenseur, le mélange soutiré en tête de colonne de distillation, à température permettant d'obtenir d'une part, un condensât aqueux, et d'autre part, une quantité substantielle d'un mélange gazeux riche en acroléine. et - on isole de l'acroléine purifiée dans le mélange gazeux riche en acroléine.

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