

Abstract of the DisclosureIMPROVED ACRYLONITRILE RECOVERY PROCESS

A process for the recovery of acrylonitrile or methacrylonitrile obtained from the reactor effluent of an ammoxidation reaction of propylene or isobutylene comprising passing the reactor effluent through an absorber column and recovery column and stripper column wherein the improvement comprises increasing the recovery column top pressure by mechanical means by about 0.25 to 5 psi to improve the hydraulic capacity of the recovery and stripper columns.