

Title:	A process for the recovery of polyethylene glycol from spent aqueous two phase system
Abstract:	<p>This invention relates to a process for the recovery of polyethylene glycol from spent aqueous two-phase systems. Aqueous two-phase system becomes a costly process because of the high cost of the polymers. Therefore, the polymer used has to be recovered once the extraction is complete. An attempt was made to recover the Polyethylene glycol by using a simple method of thermal and organic solvent extraction. The recovered polyethylene glycol shows all the physical properties similar to that of fresh polyethylene glycol. This a new method to recover polyethylene glycol in a powder form and can be carried out in large scale.</p>