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ABSTRACT OF THE DISCLOSURE

PRODUCTION PROCESS OF POLYPHENYLENE ETHERS

A process for producing a polyphenylene ether, which comprises the steps of: allowing an oxygen-containing gas to pass through a solution for polymerization containing: a good solvent for polyphenylene ethers; a metal salt; an amine compound; and a phenol compound, to carry out oxidative polymerization of the phenol compound; mixing the polymerized solution with an aqueous solution of a chelating agent to terminate the polymerization; separating and removing the metal salt, chelating agent and water from the resulting mixture to give a polyphenylene ether solution; adding a poor solvent for polyphenylene ethers to the polyphenylene ether solution to precipitate polyphenylene ether particles; filtering the resulting solution to collect the polyphenylene ether particles; and recovering the good solvent by distilling the filtrate, wherein said recovery of the good solvent is carried out using at least one antifoaming agent selected from fluorosilicone compound based antifoaming agents.