

[54] ENHANCED COBALT RECOVERY IN THE DISTILLATION OF AMMONIACAL CARBONATE SOLUTIONS OF NICKEL AND COBALT

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[22] Filed: July 9, 1973

[21] Appl. No.: 377,598

[57] ABSTRACT

[52] U.S. Cl..... 423/143; 423/144

[51] Int. Cl.²..... C01G 51/06; C01G 53/06

[58] Field of Search 423/140, 145, 143, 144; 75/103, 108, 119

In the straight distillation of aqueous ammoniacal carbonate solutions containing nickel and cobalt for the non-selective recovery of these metals as a mixed precipitate consisting mainly of basic nickel and cobalt carbonates, cobalt recoveries are significantly improved by carrying out the distillation in the presence of small amounts of sulfide ions.

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13 Claims, No Drawings