

Title (en)

PROCESS FOR THE PRODUCTION OF ALKALI METAL NITRATES

Publication

EP 0305910 B1 19910227 (DE)

Application

EP 88113908 A 19880826

Priority

DE 3729669 A 19870904

Abstract (en)

[origin: EP0305910A1] To produce alkali metal nitrates, alkali metal chloride solution is fed to the anode space (2) of an electrolysis cell (3), the anode space (2) being separated from the cathode space (5) by a permselective cation exchanger membrane (6). Simultaneously fed to the cathode space (5) is a nitric acid/alkali metal nitrate solution whose alkali metal nitrate concentration is not less than 10% by weight and whose HNO₃ concentration is between 0.1 and 10% by weight. A solution whose pH does not exceed 5 is removed from the cathode space (5). <IMAGE>

IPC 1-7

C01D 9/04; **C25B 1/14**

IPC 8 full level

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EP 88113908 A 19880826; CA 575016 A 19880817; DE 3729669 A 19870904; DE 3861839 T 19880826; US 23644688 A 19880825