

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 HNO<sub>3</sub> 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  
**C01D 9/04** (2006.01); **C25B 1/14** (2006.01)

CPC (source: EP US)  
**C25B 1/14** (2013.01 - EP US)

Cited by  
EP0713928A1

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**EP 0305910 A1 19890308**; **EP 0305910 B1 19910227**; CA 1335975 C 19950620; DE 3729669 A1 19890316; DE 3861839 D1 19910404; US 4995950 A 19910226

DOCDB simple family (application)  
**EP 88113908 A 19880826**; CA 575016 A 19880817; DE 3729669 A 19870904; DE 3861839 T 19880826; US 23644688 A 19880825