

Title (en)  
ELECTROLYTIC CELL AND PROCESS FOR THE ELECTROLYSIS OF BRINES

Publication  
**EP 0043945 B1 19851121 (EN)**

Application  
**EP 81104813 A 19810622**

Priority  
US 16717780 A 19800709

Abstract (en)  
[origin: EP0043945A1] Disengaging gas from a gas-entrained electrolyte produced in an electrolytic cell (60) for the electrolysis of brines is accomplished in an apparatus which comprises a sealed container (56) having at least one inlet (42) for discharging the gas-entrained electrolyte from the electrolytic cell (60) against a disengaging means (48). The disengaging means (48) imparts a centrifugal force to the discharged gas-entrained electrolyte to separate a gas from a gas-disengaged electrolyte while minimizing contact between the separated gas and the gas-disengaged electrolyte to substantially prevent re-entrainment of the gas by the electrolyte.

IPC 1-7  
**C25B 15/08**; **C25B 1/26**; **C25B 1/46**

IPC 8 full level  
**B01D 19/00** (2006.01); **C25B 15/08** (2006.01)

CPC (source: EP)  
**C25B 15/08** (2013.01)

Citation (examination)  
• "Chemical Engineers Handbook", Perry + Chilton, the McGraw Book Co., N.Y., 5th Ed., pp. 18-83, fig.18-134;  
• Ullmans Enzyklopädie der technischen Chemie, 4th Ed., 1972, vol. 2, p. 232

Cited by  
EP0135314A1; US4963235A; US6338786B1; WO0106038A1

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**EP 0043945 A1 19820120**; **EP 0043945 B1 19851121**; AU 537949 B2 19840719; AU 7189781 A 19820114; BR 8104180 A 19820316; CA 1157808 A 19831129; DE 3172967 D1 19860102; JP S5748306 A 19820319; ZA 814120 B 19830126

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**EP 81104813 A 19810622**; AU 7189781 A 19810617; BR 8104180 A 19810701; CA 378741 A 19810601; DE 3172967 T 19810622; JP 10807081 A 19810709; ZA 814120 A 19810618