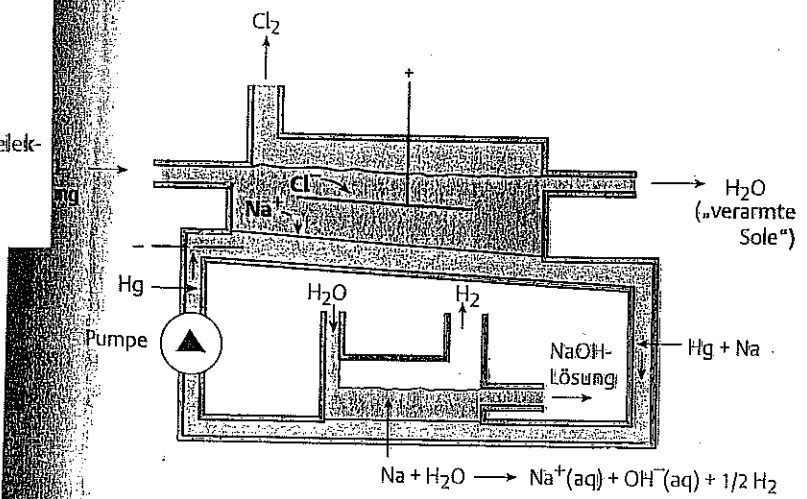
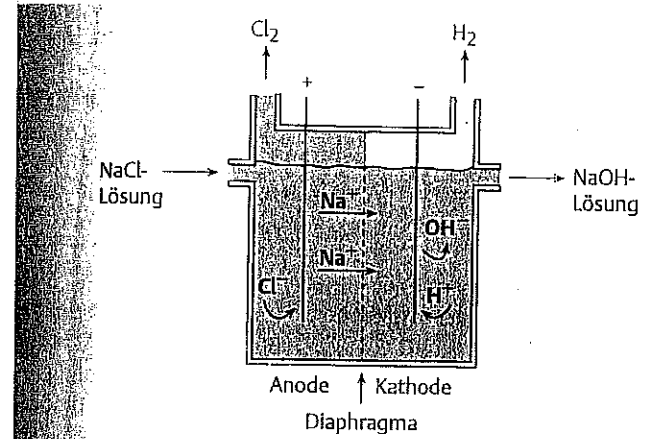
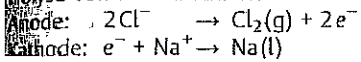
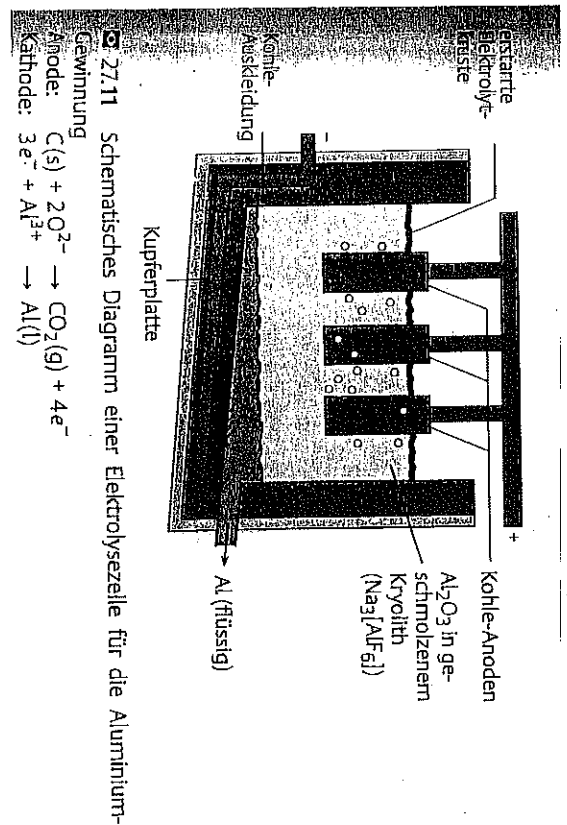
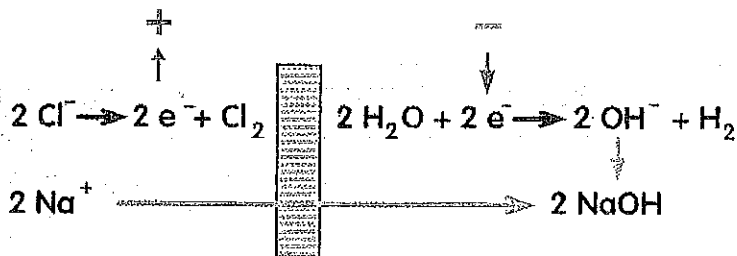
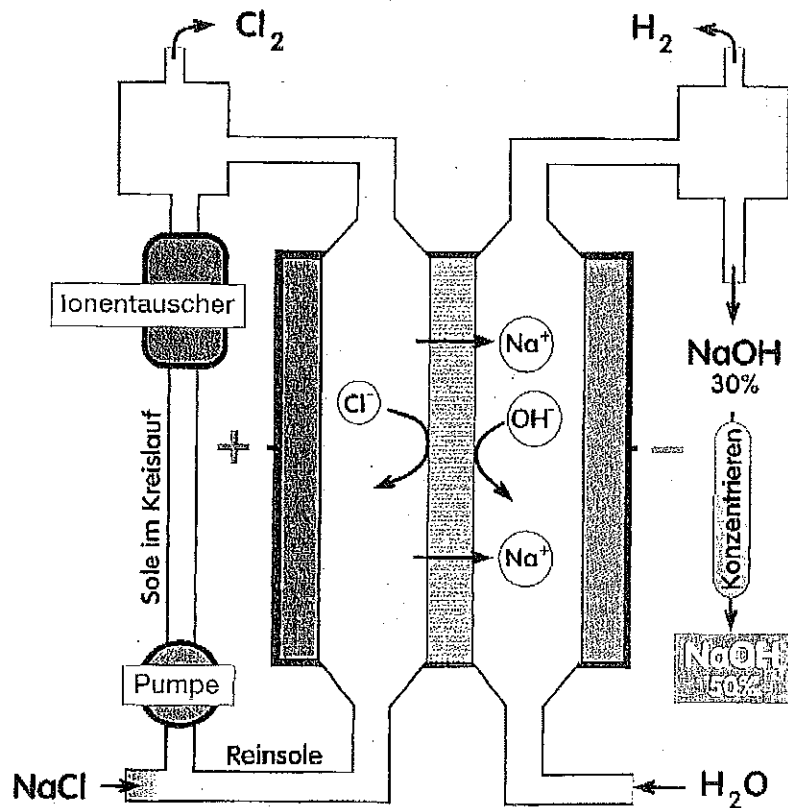


27.10 Schematisches Diagramm einer Downs-Zelle für die Schmelzflußelektrolyse von Natriumchlorid



27.11 Zellen zur Elektrolyse von Natriumchlorid-Lösungen
 Oben: Diaphragma-Verfahren
 Unten: Amalgam-Verfahren



27.11 Schematisches Diagramm einer Elektrolysezelle für die Aluminiumgewinnung
 Anode: $\text{C}(\text{s}) + 2\text{O}^{2-} \rightarrow \text{CO}_2(\text{g}) + 4\text{e}^-$
 Kathode: $3\text{e}^- + \text{Al}^{3+} \rightarrow \text{Al}(\text{l})$