

Title (en)

Electrolysis of aqueous salt solutions.

Title (de)

Elektrolyse von wässrigen Salzlösungen.

Title (fr)

Electrolyse de solutions salines aqueuses.

Publication

EP 0002783 A2 19790711 (EN)

Application

EP 78101763 A 19781219

Priority

US 86612077 A 19771230

Abstract (en)

An electrolysis process is disclosed in which an electrolyte, either anolyte or catholyte, is transferred serially from one cell, in a bank of a plurality of cells, to the corresponding electrolyte compartment of a succeeding cell in the bank. The transfer is accomplished by means of a gas-lift in which gas, present in the compartment of the electrolyte to be transferred, rises through a confined space. The space is dimensioned such that the gas serves to lift the electrolyte upward to a point where the gas and liquid separate and the liquid electrolyte is allowed to fall freely to a collection point from which it is introduced into the corresponding electrolyte compartment of a succeeding cell.

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