

Pressure-compensated electrochemical cell

ABSTRACT

The invention relates to an electrochemical half-cell consisting in at least one electrode chamber 14 for accommodation an electrolyte, a gas chamber 23 and at least one gas-diffusion electrode 5 as anode or cathode separating gas chamber 23 and electrode chamber 14, in which the gas chamber 23 is divided into two or more gas pockets 20, 20' superimposed on one another after the manner of a cascade, with which the gas supply or gas discharge takes place through openings 11, 12 to the electrolyte 22.

(Fig. 1)

This Sheet Has Been Replaced

