

Title (en)

METHOD AND DEVICE FOR MONITORING A REFERENCE HALF CELL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINER REFERENZHALBZELLE

Title (fr)

PROCEDE ET DISPOSITIF DE SURVEILLANCE D'UNE DEMI-CELLULE DE REFERENCE

Publication

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Application

**EP 03789035 A 20031113**

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Abstract (en)

[origin: WO2004046708A1] The invention relates to a method for monitoring a reference half cell (3). Together with a measuring half cell (2), said reference half cell (3) forms a potentiometric measuring point (1) for determining and/or monitoring an ion concentration of a medium (7). The ionic concentration of the medium (7) is determined on the basis of at least one measuring signal detected in a measuring circuit between the measuring half cell (2) and the reference half cell (3). According to the invention, the measuring point (1) is operated intermittently in an operating mode and in a test mode, the ionic concentration being measured in the operating mode, and the functional efficiency of the reference half cell (3) being checked in the test mode.

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