

Title (en)  
METHOD OF MEASURING, ON THE FLY, THE HEIGHT OF AN ELECTROLYSIS ANODE

Title (de)  
VERFAHREN ZUR OTF-MESSUNG DER GRÖSSE EINER ELEKTROLYSEANODE

Title (fr)  
PROCEDE DE MESURE A LA VOLEE DE LA HAUTEUR D'UNE ANODE D'ELECTROLYSE

Publication  
**EP 2027308 A2 20090225 (FR)**

Application  
**EP 07788823 A 20070601**

Priority  
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Abstract (en)  
[origin: WO2007141412A2] Method of measuring, on the fly, the length along an axis (z'z) of an anode (20) for molten salt electrolysis, in which: i) said anode is suspended from a gripping member (13a) which is provided with a displacement sensor that measures the vertical position of the point of attachment (O); ii) said gripping member is moved vertically so that the lower surface (21a) of the anode passes through a plane (P) formed by n beams ( $f_1$ , ...,  $f_i$ , ...,  $f_n$ ) and, each time one ( $f_i$ ) of said beams ( $i = 1$  to  $n$ ) is disturbed by the passing of the lower surface of the anode, the vertical position  $h_i$  of said point of attachment (O) is measured; and iii) the angle of inclination of the z'z' axis of the anode rod is measured and the distance between the point of attachment and the lower surface (21a) of the anode block (21) is deduced from the measured  $h_i$  values ( $i = 1$  to  $n$ ) and from the value of the inclination of the anode rod.

IPC 8 full level  
**C25C 3/06** (2006.01)

CPC (source: EP US)  
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