

Title (en)  
METHOD AND APPARATUS FOR SUSTAINING A CATHODIC PROTECTION AGAINST CORROSION

Publication  
**EP 0018522 B1 19811104 (DE)**

Application  
**EP 80101936 A 19800410**

Priority  
DE 2916934 A 19790426

Abstract (en)  
[origin: EP0018522A1] 1. A method of maintaining cathodic corrosion protection for metal surface which are in contact with an electrolyte, with external current, using an inert electrode as the external current anode and a potentiostat, characterised in that periodically the protective current is switched off and a measurement is taken of the potential (E<sub>ist</sub>) directly between the external current anode which in this phase operates as a reference electrode, and the surface to be protected, and the potential (E<sub>ist</sub>) is compared to the protective potential (E<sub>soll</sub>) which is set at the potentiostat, and the difference (E<sub>ist</sub> - E<sub>soll</sub>) is used directly as a control value in respect of the protective current.

IPC 1-7  
**C23F 13/00**

IPC 8 full level  
**C23F 13/00** (2006.01); **C23F 13/04** (2006.01)

CPC (source: EP)  
**C23F 13/04** (2013.01)

Cited by  
CN105987283A; DE4025088A1; DE102017200954A1; EP3916128A1; AU656639B2; DE4129712C1; JPS57145988A; EP0565192A1; CN104674229A; US8783272B2; WO2009116901A1; WO2009116900A1; WO2009027402A1; WO9311279A1; WO9304218A1; US8226812B2

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