

Title (en)
SENSOR WITH IMPROVED SHELF LIFE

Title (de)
SENSOR MIT VERBESSERTER AUBEWAHRUNGSDAUER

Title (fr)
CAPTEUR A DUREE DE STOCKAGE AMELIOREE

Publication
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Application
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Abstract (en)
[origin: WO9949307A1] The present invention provides a metal electrode stabilised by a coating, the coating comprising a sulfur containing moiety in its molecular structure. The coating may also include a hydrophilic group and a spacer between the sulfur containing moiety and the hydrophilic group. Preferably, the sulphur-containing moiety is selected from the group comprising thiol, disulphide and SO_x, and the hydrophilic group is selected from the group comprising hydroxyl, amine, carboxyl, carbonyl, oligo (ethylene oxide) chain, and zwitterionic species. Compounds useful in the present invention include 2-mercaptoethanol, 2-mercaptoethylamine, 3-mercaptopropionic acid, thiophene, 4-carboxythiophene, cysteine, homocysteine, and cystine.

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G01N 27/30 (2013.01); **G01N 27/3271** (2013.01)

Citation (search report)
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• See references of WO 9949307A1

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