

Title (en)

ARYL DIAZONIUM SALT AND USE IN AN ELECTROLYTIC SOLUTION OF AN ELECTROCHEMICAL GENERATOR

Title (de)

ARYLDIAZONIUMSALZ UND VERWENDUNG IN EINER ELEKTROLYTISCHEN LÖSUNG EINES ELEKTROCHEMISCHEN GENERATORS

Title (fr)

SEL D'ARYLE DIAZONIUM ET UTILISATION DANS UNE SOLUTION ÉLECTROLYTIQUE D'UN GÉNÉRATEUR ÉLECTROCHIMIQUE

Publication

**EP 2616432 A1 20130724 (FR)**

Application

**EP 11764804 A 20110919**

Priority

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- FR 2011000508 W 20110919

Abstract (en)

[origin: WO2012035218A1] The invention relates to an aryl diazonium salt free of hydroxyl functions of general formula (1) in which n is an integer between 1 and 10, preferably between 1 and 4, X<sup>-</sup> represents a counterion of the diazonium cation chosen from halides, BF<sub>4</sub><sup>-</sup>, NO<sub>3</sub><sup>-</sup>, HSO<sub>4</sub><sup>-</sup>, PF<sub>6</sub><sup>-</sup>, CH<sub>3</sub>COO<sup>-</sup>, N(SO<sub>2</sub>CF<sub>3</sub>)<sub>2</sub><sup>-</sup>, CF<sub>3</sub>SO<sub>3</sub><sup>-</sup>, CH<sub>3</sub>SO<sub>3</sub><sup>-</sup>, CF<sub>3</sub>COO<sup>-</sup>, (CH<sub>3</sub>O)(H)PO<sub>2</sub><sup>-</sup>, N(CN)<sub>2</sub><sup>-</sup>, R<sub>1</sub>, R<sub>2</sub> and R<sub>4</sub> are identical or different and are chosen independently from the group constituted by -CH<sub>2</sub>-, a cyclic or acyclic, linear or branched alkyl chain and A and A' are identical or different and independently represent a monocyclic or polycyclic aromatic hydrocarbon-based group chosen from the group constituted by phenyl, aryl groups, and condensed polyaromatic groups, which are optionally substituted.

IPC 8 full level

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See references of WO 2012035218A1

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