

Title (en)

9- $\bar{\gamma}$ 4-(AMINO) PHENYL $^{\text{--}}$ ACRIDINIUM SALTS AS CATIONIC DIRECT DYES FOR COLORING KERATINOUS FIBERS

Title (de)

9- $\bar{\gamma}$ 4- (AMINO) PHENYL $^{\text{--}}$ ACRIDINIUM SALZE ALS KATIONISCHE DIREKTZIEHER ZUM FÄRBEN VON KERATINHALTIGEN FASERN

Title (fr)

SELS DE 9-  $\bar{\gamma}$ 4- (AMINO)PHÉNYL $^{\text{--}}$ ACRIDINIUM UTILISÉS COMME COLORANTS DIRECTS CATIONIQUES POUR COLORER DES FIBRES CONTENANT DE LA KÉRATINE

Publication

**EP 2245013 A1 20101103 (DE)**

Application

**EP 09712165 A 20090220**

Priority

- EP 2009052060 W 20090220
- DE 102008010685 A 20080222

Abstract (en)

[origin: WO2009103798A1] The application relates to cationic compounds of formula (Ia) where R1 to R9 and X- are defined as indicated in claim 1. Said compounds, some of which have not yet been described in the prior art, are suitable for coloring keratinous fibers, in particular human hair. In dyes of these compounds, extreme, intensive color nuances, in particular in the blue and violet range, are obtained with very good fastness properties. When simultaneously using oxidizing agents such as hydrogen peroxide or a mixture of hydrogen peroxide and peroxydisulfates, these direct dyes also provide illuminating nuances without reducing the color intensity and color brilliance.

IPC 8 full level

**C07D 219/02** (2006.01)

CPC (source: EP)

**C07D 219/02** (2013.01); **C09B 15/00** (2013.01)

Citation (search report)

See references of WO 2009103798A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2009103798 A1 20090827**; DE 102009001039 A1 20091203; EP 2245013 A1 20101103

DOCDB simple family (application)

**EP 2009052060 W 20090220**; DE 102009001039 A 20090220; EP 09712165 A 20090220