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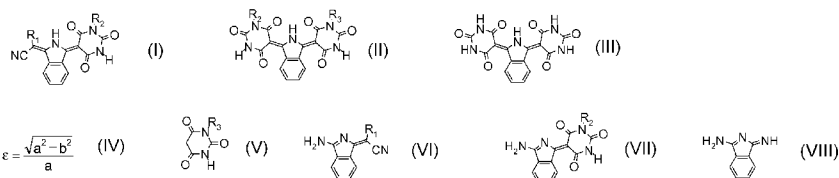
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## (54) Title: ISOMETRIC ISOINDOLINE YELLOW PIGMENT



(57) Abstract: Pigment of formula (I) or formula (II), preferably formula (III), wherein R<sub>1</sub> is CONR<sub>4</sub>R<sub>5</sub> or C(=NR<sub>6</sub>)NR<sub>7</sub>R<sub>8</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are each independently of the others H, C<sub>1</sub>-C<sub>3</sub>alkyl, or phenyl which is unsubstituted or substituted from 1 to 5 times by C<sub>1</sub>-C<sub>3</sub>alkyl or by halogen, R<sub>6</sub> is phenyl which is unsubstituted or substituted from 1 to 4 times by C<sub>1</sub>-C<sub>3</sub>alkyl or by halogen, R<sub>7</sub> is H or C<sub>1</sub>-C<sub>3</sub>alkyl, and R<sub>8</sub> is a direct bond or a carbonyl bridge to R<sub>6</sub>, which pigment consists of primary particles the average aspect ratio of which is from 4 to 1, preferably from 3.5 to 1, especially from 3 to 1, and/or the ellipses equivalent to the contours of the primary particles on a two-dimensional electron microscopic image have an average numerical eccentricity ε of from 0 to 0.80, the numerical eccentricity ε being defined as formula (IV), wherein a is the semimajor axis and b is the semiminor axis of the equivalent ellipse. That pigment preferably has a narrow particle size distribution and is, as are analogous pigments, prepared by a novel process. The invention relates also to a process for the preparation of that pigment, wherein R<sub>1</sub>CH<sub>2</sub>CN or formula (V) is dispersed in an acidic aqueous medium containing from 70 to 99 % by weight water, preferably in the presence of a dispersant, and is reacted with solid formula (VI), (VII) or formula (VIII).



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**INTERNATIONAL SEARCH REPORT**

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
 EPO-Internal, WPI Data

<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
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Further documents are listed in the continuation of Box C.       See patent family annex.

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|---|---|
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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