

Title (en)

ELECTRICALLY PHOTOSENSITIVE PARTICLES FOR PHOTOELECTROPHORETIC MIGRATION IMAGING PROCESSES

Publication

EP 0000599 B1 19830202 (EN)

Application

EP 78200084 A 19780707

Priority

- US 81869777 A 19770725
- US 89918678 A 19780424

Abstract (en)

[origin: EP0000599A1] Electrically photosensitive particles for electrophoretic migration imaging processes. Electrophotosensitive particles (4) for electrophoretic migration imaging processes comprise a compound having the structure <CHEM> wherein m and n are zero, one or two; L<1> to L<7> are hydrogen, alkyl, cyano aralkyl, aryl or heterocyclyl, and in addition, any two of L<1>, L<2> and L<3> and any two of L<4>, L<5>, L<6> and L<7> may together represent the atoms needed to complete a carbocyclic ring having from 5-10 carbon atoms; A<1> represents an alkyl, aryl group or a heterocyclic nucleus; A<2> represents a basic heterocyclic nucleus; B<1> and B<2> represent cyano, carboxy, alkoxy carbonyl, aryloxy carbonyl, alkylsulfonyl, acyl, arylcarbonyl, heteroaryl, nitro, nitro substituted aryl, sulfonyl, fluorosulfonyl, trifluoromethylsulfonyl, carbamoyl, arylcarbamoyl or alkylcarbamoyl. The particles (4) can be used in an electrophoretic migration imaging process which consists in placing them between two electrodes (1) and (5) and submitting them to an activating radiation and an electric field for obtaining an image on electrodes (1) and (5).

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