

Title (en)

A method and an apparatus for automatically adjusting the potential of a photosensitive layer.

Title (de)

Verfahren und Vorrichtung zum automatischen Anpassen des Potentials einer photoempfindlichen Schicht.

Title (fr)

Procédé et appareil pour l'ajustage automatique du potentiel d'une couche photosensible.

Publication

EP 0109722 A1 19840530 (EN)

Application

EP 83201650 A 19831118

Priority

NL 8204520 A 19821119

Abstract (en)

A method of automatically adjusting the potential of a photosensitive layer, in which the photosensitive layer is moved along a corotron energized by a high voltage supply and is charged thereby, in which the potential of a corotron-charged portion of the photosensitive layer is measured contactlessly by means of an electrometer device; that the value measured is compared with a predetermined target value, after which, if the difference between the value measured and the target value lies beyond predetermined limits, an adjustment parameter of the high voltage supply is changed; and that after a period of time minimally equal to the time required for moving the portion of the photosensitive layer charged with the new setting of the high voltage supply from the corotron to the electrometer, the potential of the photosensitive layer is measured again and compared with the target value, after which, if the difference between the target value and the value measured lies beyond predetermined limits, the said adjustment parameter is again changed, which cycle is repeated as long as the difference between the target value and the value measured lies within the predetermined limits.

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Citation (search report)

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