

Title (en)
LABEL-PRINTING PROCESS FOR SUBSTANTIALLY LIGHT-INSENSITIVE ELONGATED IMAGING MATERIALS INCLUDING AN ORGANIC SILVER SALT

Title (de)
ETIKETTENDRUCKVERFAHREN FÜR DIREKTE THERMISCHE AUFZEICHNUNGSMATERIALIEN MIT ORGANISCHEM SILBERSALZ

Title (fr)
PROCEDE D'IMPRESSION D'ETIQUETTES UTILISANT DES MATERIAUX D'IMAGERIE ALLONGES SENSIBLEMENT INSENSIBLES A LA LUMIERE, NOTAMMENT UN SEL ORGANIQUE D'ARGENT

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Abstract (en)
[origin: EP1006000A1] A label-printing process for obtaining a desired optical density and a desired colour tone with an elongated imaging material comprising the steps of: selecting an elongated imaging material; supplying image data to a processing unit of a thermal printer including a printhead having energizable heating elements arranged in a column C; converting the image data, which are not zero into at least one activation pulse per pixel to be printed; energising the heating elements printing-line by printing-line adjacent to the selected elongated imaging material thereby producing an image; transporting the imaging material past and adjacent to the printhead in a transport direction with a transport means; characterized in that the selected elongated imaging material includes a support and a thermosensitive element containing a substantially light-insensitive organic silver salt; and a heat energy of 50 to 200mJ/mm<2> of heating element surface area is used for the formation of an image dot; and an apparatus therefor. <IMAGE>

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