

Title (en)

PROCESS FOR MANUFACTURING PAPER WEBS CONTAINING CF OR CB LAYERS FOR PRESSURE SENSITIVE RECORDING PAPER

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CF- ODER CB-SCHICHTEN AUFWEISENDEN PAPIERBAHNEN FÜR DRUCKEMPFLINDLICHE AUFZEICHNUNGSPAPIERE

Title (fr)

PROCEDE DE FABRICATION DE BANDES DE PAPIER A COUCHES DE RECEPTION OU D'EMISSION UTILES COMME PAPIERS D'ENREGISTREMENT SENSIBLES A LA PRESSION

Publication

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Application

EP 93917650 A 19930726

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Abstract (en)

[origin: US5597612A] PCT No. PCT/EP93/01982 Sec. 371 Date Jul. 26, 1994 Sec. 102(e) Date Jul. 26, 1994 PCT Filed Jul. 26, 1993 PCT Pub. No. WO94/02258 PCT Pub. Date Feb. 3, 1994A process is disclosed for manufacturing paper web containing a CF layer for pressure sensitive recording paper. In order to ensure full sizing, the paper web is subjected to intermass sizing and the coating ink containing color acceptors constituted of color-reactive, mineral pigments is applied with a coating device in which the paper web is guided between two transfer rollers separated by a gap or set at minimal pressure. One of the transfer rollers applies volumetrically pre-dosed coating ink by means of a rotary and driven surface-profiled doctor bar, forming the CF layer on one side of the paper web, and the other transfer roller at the same time applies a volumetrically pre-dosed aqueous solution on the other side of the paper web, also by means of a rotary driven surface-profiled doctor bar. The amount of color-reactive pigment in the dried CF-layer comprises between 3.5 and 5 g/m².

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B05D 1/34; D21H 23/56

IPC 8 full level

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