

Title (en)

Recording material for the ink-jet process

Title (de)

Aufzeichnungsmaterial für das Tintenstrahldruckverfahren

Title (fr)

Matériau d'enregistrement pour l'impression par jet d'encre

Publication

EP 0864438 A1 19980916 (DE)

Application

EP 98103862 A 19980305

Priority

DE 19709735 A 19970310

Abstract (en)

A recording material, for the ink jet process, has a sheet-like substrate layer and at least one porous recording layer which is arranged on at least one side of the substrate layer and contains a binder combination comprising a film-forming plastics dispersion and a film-forming water-soluble polymer and 30-90 wt.%, based on the dry recording layer, of an organic pigment which consists of porous particles or of primary particles which form porous agglomerates and has a mean pore diameter of 0.1-0.5 μm , an internal pore volume of 1.0-4.0 cm^3/g , an oil absorption (DBP) of 200-350 ml/100 g and a mean diameter of the porous particles or of the porous agglomerates of 1-30 μm . The weight ratio of pigment to binder is 0.5:1 to 2:1. Also claimed is a method for the production of single-colour or multi-colour resistant recording by application of pigmented solvent containing or waxy ink(s) to the above recording material.

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B41M 5/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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