

Title (en)

Calcium carbonate pigment for heat-sensitive recording paper, process for preparing same, coating composition for heat-sensitive recording paper and heat-sensitive recording paper.

Title (de)

Kalziumkarbonatpigment für wärmeempfindliches Aufzeichnungspapier, Verfahren zu dessen Herstellung, Mischung zur Beschichtung von wärmeempfindlichem Aufzeichnungspapier und wärmeempfindliches Aufzeichnungspapier.

Title (fr)

Carbonate de calcium pigmentaire pour papier d'enregistrement thermosensible, procédé de préparation, composition de revêtement pour papier d'enregistrement thermosensible et papier d'enregistrement thermosensible.

Publication

**EP 0456413 A2 19911113 (EN)**

Application

**EP 91303976 A 19910502**

Priority

JP 12251790 A 19900511

Abstract (en)

Disclosed are a calcium carbonate pigment for heat-sensitive recording paper, the pigment having a BET specific surface area of about 17 to about 55 m<sup>2</sup>/g, an oil absorption of about 90 to about 220 ml/100 g as determined by the Ogura method and a surface acidity of solid substantially represented by the following equation (Z):  $Z = \frac{1}{1 + e^{-x}}$  wherein x is a BET specific surface area (m<sup>2</sup>/g) and y is a surface acidity of solid (μmol/g); a process for preparing the pigment; coating compositions comprising said pigment each for forming an intermediate layer of heat-sensitive recording layer, and for a heat-sensitive recording layer thereof: and heat-sensitive recording papers obtained by application of the coating compositions.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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